

DX LISTENING DIGEST 4-175, November 23, 2004
Incorporating REVIEW OF INTERNATIONAL BROADCASTING
edited by Glenn Hauser, <http://www.worldofradio.com>

Items from DXLD may be reproduced and re-reproduced only if full credit be maintained at all stages and we be provided exchange copies. DXLD may not be reposted in its entirety without permission.

Materials taken from Arctic or originating from Olle Alm and not having a commercial copyright are exempt from all restrictions of noncommercial, noncopyrighted reusage except for full credits

For restrictions and searchable 2004 contents archive see
<http://www.worldofradio.com/dxldmid.html>

NOTE: If you are a regular reader of DXLD, and a source of DX news but have not been sending it directly to us, please consider yourself obligated to do so. Thanks, Glenn

AIRINGS OF WORLD OF RADIO 1254:

Wed 2200 WOR WBCQ 9330-CLSB
Wed 2300 WOR WBCQ 7415
Thu 0000 WOR WBCQ 17495-CUSB
Thu 1100 WOR RNI [archive]
Thu 1700 WOR WBCQ after hours
Thu 2130 WOR WWCN 15825 [9985 Dec-Feb]
Thu 2200 WOR WBCQ 9330-CLSB
Fri 0200 WOR ACBRadio Mainstream [repeated 2-hourly thru 2400]
Fri 1100 WOR RNI [archive]
Fri 1700 WOR WBCQ after hours
Sat 0000 WOR Studio X, Momigno, Italy 1584 87.35 96.55 105.55
Sat 0900 WOR WRN1 to Eu, Au, NZ, WorldSpace AfriStar, AsiaStar,
Telstar 12 SAm
Sat 0955 WOR WNQM Nashville TN 1300
Sat 1130 WOR WWCN 5070
Sat 1928 WOR WPKN Bridgeport CT 89.5
Sat 2030 WOR R. Lavalamp
Sat 2130 WOR WBCQ 17495-CUSB
Sun 0330 WOR WWCN 5070
Sun 0400 WOR WBCQ 9330-CLSB
Sun 0430 WOR WRMI 6870
Sun 0730 WOR WWCN 3210
Sun 0930 WOR WRN1 to North America, also WLIO-TV Lima OH SAP
Sun 0930 WOR KSFC Spokane WA 91.9
Sun 0930 WOR WDCN Auburn NY 89.1 [unconfirmed]
Sun 0930 WOR KTRU Houston TX 91.7 [occasional]
Sun 1030 WOR WRMI 9955
Sun 1100 WOR R. Lavalamp

Sun 1400 WOR KRFP-LP Moscow ID 92.5
Sun 1500 WOR R. Lavalamp
Sun 2000 WOR Studio X, Momigno, Italy 1584 87.35 96.55 105.55
Sun 2030 WOR WWCW 12160
Sun 2100 WOR RNI
Mon 0330 WOR WRMI 6870
Mon 0400 WOR WBCQ 9330-CLSB
Mon 0430 WOR WSUI Iowa City IA 910 [1253]
Mon 0530 WOR WBCQ 7415
Mon 0900 WOR R. Lavalamp
Mon 1700 WOR WBCQ after hours
Mon 2200 WOR WBCQ 9330-CLSB
Tue 1000 WOR WRMI 9955
Tue 1700 WOR WBCQ after hours
Tue 2200 WOR WBCQ 9330-CLSB
Wed 1030 WOR WWCW 9985
Wed 1700 WOR WBCQ after hours
MORE info including audio links: <http://worldofradio.com/radioskd.html>

WRN ONDEMAND [from Fri]:

<http://new.wrn.org/listeners/stations/station.php?StationID=24>

OUR ONDEMAND AUDIO [also for CONTINENT OF MEDIA, MUNDO RADIAL]:

WORLD OF RADIO 1254 (high version):

(stream) <http://www.w4uvh.net/wor1254h.ram>

(download) <http://www.w4uvh.net/wor1254.rm>

WORLD OF RADIO 1254 (low version):

(stream) <http://www.w4uvh.net/wor1254.ram>

(download) <http://www.w4uvh.net/wor1254.rm>

(summary) <http://www.worldofradio.com/wor1254.html>

WORLD OF RADIO 1254, mp3 in the true SW sound of 7415 [from UT Thu]:

(stream) http://www.piratearchive.com/media/worldofradio_11-24-04.m3u

(d'load) http://www.piratearchive.com/media/worldofradio_11-24-04.mp3

MUNDO RADIAL noviembre-diciembre:

(corriente) <http://www.w4uvh.net/mr0411.ram>

(bajable) <http://www.w4uvh.net/mr0411.rm>

(texto) <http://www.worldofradio.com/mr0411.html>

Y en WWCW 9985, desde el 24 de noviembre, miÉrcoles 2200, viernes

2215, martes 2230

DX/SWL/MEDIA PROGRAMS updated Nov 22:

<http://www.worldofradio.com/dxpgms.html>

DXLD YAHOOGROUP: Why wait for DXLD? A lot more info, not all of it appearing in DXLD later, is posted at our yg. Here's where to sign up
<http://groups.yahoo.com/group/dxld/>

** ALBANIA. Frequency change for TWR Eu in Russian via SHI 100 kW / 033 deg: 1445-1600 NF 7325 (55544), ex 7330* \\ 9495 MOS 100 kW / 055 deg. * to avoid BBC Chinese till 1530 and IBRA Radio from 1530 (Observer, Bulgaria, Nov 23 via DXLD)

** ALBANIA. On 28 November 2004, a Chinese Minister will inaugurate the new HF transmitter radio station in Cerrik, zone A. There are four 150 kW transmitters plus two in Stand-by mode.

Check SW bands from next Sunday. Cerrik location is not far from Elbasan, some 50kms south of Tirana. Recently some powerful test transmissions with Chinese content noted widely on 11785 and 11855 kHz in our European morning, observed by Olle Alm and Noel R. Green (Wolfgang B,schel, BC-DX Nov 23 via WORLD OF RADIO 1254, DXLD)

** ANTARCTICA. The Mario Zucchelli Station (formerly known as Baia Terra Nova) at Terra Nova Bay, Victoria Land (AN-16), is improving the personnel. Among the 80 people present at the Base, there is Dr. Mario Pillon, a researcher from the Italian ENEA Dept. who holds a personal Ham callsign, I0QHM. He has been showing up on 14180 kHz at 1845z signing I0QHM/IA0PS. However, as this was being typed, Mario is now signing I0QHM/KC4. Mario is expected to remain in Antarctica until around mid-February. He could also operate from Dome C and probably from other remote camps in the future if time and equipment permit. The Mario Zucchelli Station (MZS) is referenced for WAP as: WAP ITA-01 (KB8NW\OPDX November 22\BARF-80 via John Norfolk, dxldyg via DXLD)

** ANTARCTICA. Chris, KC4/N3SIG, reports that he ``finally hooked up the ICOM 706 to the Amp in the ham shack, the antennas are all fixed and it's time to DX!`` Look for him on 14243 kHz at or around 1930-2000 Local Eastern Time [0030-0100 UT]. ALL QSLs go to his home address and will be answered when he gets home (KB8NW\OPDX November 22\BARF-80 via John Norfolk, dxldyg)

** ANTIGUA. Looked for the BBC harmonic on 30380 Nov 22, and at 1515 could detect a weak but steady carrier; intermittent QRM from NBFM on 30370, a dispatcher, believe Enid mentioned, so local (Glenn Hauser, OK, WORLD OF RADIO 1254, DX LISTENING DIGEST)

** AUSTRALIA: R. Australia B-04 Schedule

0000-0100	9660	12080	13630	15240	15415>	17715	17750	17775	17795
0100-0200	9660	12080	13630	15240	15415	17715	17750	<17775	17795
0200-0400	9660	12080	13630	15240	15415	15515	17750	21725	
0400-0500	9660	12080	13630	15240	15415>	15515	17750	21725	
0500-0600	9660	11750>	12080	13630	15160	15240	15415>	15515	17750
0600-0700	9660	11880	12080	13630	15160	15240	15415	15515	17750

0700-0800	9660	11880	12080	13630	15160	15240	15415	17750
0800-0900	5995	9580	9590	9710	12080	13630	15240	15415> 17750
0900-1000	9580	9590	11880	15240	15415>			
1000-1100	9580	9590	11880	15240	15415			
1100-1200	5995	6020	9475	9560	9580	9590	11880	12080 <15240
1200-1300	5995	6020	9475	9560	9580	9590	11880	
1300-1400	5995	6020	9560	9580	9590			
1400-1500	5995	6080	7240	9475>	9590	11750		
1500-1600	5995	6080	7240	9475	9590	11750		
1600-1700	5995	6080	7240	9475	9710			
1700-1800	5995	6080	7240	9475	9710	11880		
1800-1900	6080	7240	9475	9580	9710	11880		
1900-2000	6080	7240	9500	9580	9710	11880		
2000-2100	6080*	7240*	9500	9580	11650	11880	12080	
2100-2200	<9500	9660	11650	<11695	12080	13630	15515	
2200-2300	13620	13630	15230	15240	15515	21740		
2300-0000	9660	12080	13620	13630	15230	<15240	15415> 17750>	
	17795	21740						

< = 1st half hour > = 2nd half hour * Sat/Sun only

Radio Australia sports service is broadcast
 Saturdays and Sundays 0100-0700 on 9660 12080 15240 17750 (R.
 Australia website, arranged by Mike Barraclough, worldclub via DXLD)

** AUSTRALIA. VL8A on 4835: Yes, here in Finland, too (Nov 22, 2004 at 1930 UT). Kinda weak, but a very clear signal. The Aussie way of speaking cannot be missed if one misses the station ID. I first wondered how Mali has gone into country music... 73's, (Matti Ponkamo, Naantali, Finland, OH1GPU - Drake R4-C, SONY 2010D, Kenwood TH-F7, 20m Dipole, dxing.info via DXLD)

** AUSTRALIA. Additional transmissions for Voice International via DRW=Darwin
 0130-0200 on 17775 DRW 250 kW / 340 deg English to China
 0430-0500 on 17855 DRW 250 kW / 290 deg Indonesian to Indonesia
 1500-1800 on 11840 DRW 250 kW / 340 deg English to China
 2300-0200 on 15250 DRW 250 kW / 290 deg Indonesian to Indonesia
 (Observer, Bulgaria, Nov 23 via DXLD)

** BELGIUM [non]. UK. Freq change for RVI in Dutch via SKN 250 kW / 180 deg to SoWeEu 2100-2155 NF 6040, ex 5960 to avoid VOR in Russian on 5965 via JUL (Observer, Bulgaria, Nov 23 via DXLD)

** BOLIVIA. 4650.33, Nov 18 2249-2322, R. Santa Ana. Discussion between M and young girl. 2250 beautiful canned ID by W with slight echo over music "...sintonia -- Santa Ana la radio". Then brief discussion by M and girl again sounding like they were in a basement (echo). At least 7 more canned ads followed to 2259!! One featured a M

sounding as though he was on the opposite side of the room from the mic!! Some included jingles. Check at 2322 found an ad mentioning Santa Ana, then back to live announcer. Fairly strong but modulation a little low and het QRM from 4649.10 (Dave Valko, Dunlo, PA, HCDX online log via DXLD)

** BOLIVIA. Re 4-171, what frequency will R. Virgen de Remedios use? This was in the July 21 WORLD OF RADIO summary: R. Virgen de Remedios, new Bolivian testing on 5500, 5945.2, says its authorized frequency will be 3330, at 0000-0200 only, once antenna is ready; run by Bolivian and Polish padres (Glenn Hauser, WORLD OF RADIO 1254, DX LISTENING DIGEST)

** BRAZIL. Desde 17 de novembro, as emissoras ga'chas de r·dio est,,o autorizadas a flexibilizar o hor·rio da Voz do Brasil. Significa que podem emitir outro programa ts 19h, no hor·rio brasileiro de ver,,o [2100 UT], desde que a Voz do Brasil seja emitida antes da meia-noite [0200 UT] do mesmo dia. A decis,,o È em car·ter liminar da 3[™] turma da justiÁa federal e n,,o deve ser mudada atÈ o inÍcio do ano que vem.

BRASIL ñ A Radiobr·s pretende realizar transmissões digitais em ondas curtas. Tem parceria, no empreendimento, com a Universidade de Brasília, Sociedade de Engenharia de Televis,,o e AssociaÁ,,o Brasileira das Emissoras de R·dio e Televis,,o. ... o que noticia o sítio Telecom Online e o blog de Eduardo Sander, em <http://www.comunique-se.com.br/blog> Segundo as fontes, a digitalizaÁ,,o do sinal ``pode revitalizar essa faixa de freq,Íncia, que È a `nica captada em algumas regies do interior e no Norte do Brasil`` (CÉlio Romais, Panorama, @tividade DX Nov 21 via WORLD OF RADIO 1254, DXLD)

** CANADA. Vancouver Island CBC broadcaster David Grierson, 49, died Saturday from a heart attack. Grierson had been with the CBC for 20 years, most recently as host of the radio morning show, On the Island. He also wrote a best-selling book, The Expo Celebration, that featured the work of Canadian photographers. ``He combined a vigorous intelligence with wit, with curiosity, with charm, and with an ability to engage not one bit intimidating,`` said Jane Heffelfinger, director of CBC's Victoria station (The Province, via Bruce MacGibbon, Nov 22, DXLD)

** CANADA. CHSL-1610 on for real! CHSL-1610 started regular programming, with slogan "Voces Latinas, la primera radio hispana en Toronto". They don't sound like a gospel station thus far, mostly playing the variety of music that they were using during their tests earlier this month. I would presume yesterday was CHSL's first official on-air day, but I wasn't listening as I was watching the Argos win la Copa Grey. 73 (Mike Brooker, Toronto, ON, Nov 22, NRC-AM

via WORLD OF RADIO 1254, DXLD)

The new 1610 Toronto station is coming in well here tonight... mostly continuous latino music, but I caught a CHSL ID in Spanish at about 2150 [EST]. They're a bit low in frequency, on about 1609.92 (Barry McLarnon, VE3JF, Ottawa, ON, Nov 20, NRC-AM via WORLD OF RADIO 1254, DXLD)

Now that they are supposed to be on regular schedule, I thought I'd see what CHSL does at the top of the hour. At 2056 EST I tuned in and they were playing Elton John's "Sacrifice". There was a bit of dead air at 2100 and then went straight into Elton John's "Daniel".

I don't recall Elton being from Bolivia or Nicaragua, although he did have a song called "A Word In Spanish". Either CHSL ran out of Latin American records to play, or perhaps the announcer was more interested in seeing what this week's opening on Monday Night Football would be like and left an Elton CD playing? ;-) Okay, now that the Patriots have scored on the Chiefs the CHSL op appears to have reverted back to what I would expect them to play. Playing a Brazilian Samba tune at 2120 (Niel Wolfish, Toronto, Nov 22, WORLD OF RADIO 1254, ibid.)

** CHINA. New schedule for China Radio International in Turkish from Nov. 28:

1400-1427 on 9535, 11800 cancelled

1600-1657 on 6165, 7325 extended, ex 1600-1627 on same frequencies

1900-1957 on 7215, 9655 extended, ex 1900-1927 on same frequencies

(Observer, Bulgaria, Nov 23 via DXLD) See also ALBANIA

Registration sites:

6165 Urumchi, 7325 Xian

7215 Beijing, 9655 Kunming (Wolfgang B. schel, DX LISTENING DIGEST)

** CHINA. 7155, Xinjiang PBS-Urumqi, f/d Chinese text paper QSL card with red station stamp, personal Chinese form letter (with SW, FM and MW schedules on reverse) and 3 cancelled stamps in 37 days for 1 IRC and an English report. Very pleased (Scott R. Barbour, Jr., Intervale, NH, Nov 22, dxldyg via DX LISTENING DIGEST)

** CHINA. 7280. Presumed Voice of the Strait, heard lately tnx to Ross Comeau alert to something on this frequency; as early as 1000, best around 1115-1130, then starts declining and goes off at 1200* after pips (5+1 pips also heard at 1000 and 1100). Reception varies a lot from day to day. Light Chinese programming style, much music, some talk, seemingly ads also. VoS website is:

<http://www.radiohx.com/enroot/> (extremely slow to load) and it shows 7280 as the "Life and Entertainment Channel." It also says 11590 is the "News Channel," and 6115 is the "Minnan Dialect channel." I can't

get the on-line audio to work to check //. There is a signal on 11590 as well, but it is weaker than 7280 and pretty useless.

Nagoya DXers Circle: <http://www2.starcats.ne.jp/~ndxc/> shows 11590 as having English Sat & Sun at 1430-1500, which would be interesting to hear (Jerry Berg, MA, NASWA Flashsheet via DXLD)

** CROATIA. Updated B-04 schedule for Croatian Radio HS-1 in Croatian:
0500-2400 on 6165 DEA 100 kW / non-dir
0500-0800 on 7365 DEA 010 kW / non-dir (ex 0500-1000)
0500-1800 on 9830 DEA 100 kW / non-dir
0800-2200 on 13830 DEA 010 kW / 305 deg (ex 1000-2200)
(Observer, Bulgaria, Nov 23 via DXLD)

** CROATIA [and non]. Is now on winter schedule, 594, 774, 783, 1125, 1134 kHz, plus SW.
2315-2330 + Juelich En
2330 Spanish
0300-0330 + Juelich En
0330 Spanish
0700-0705 + Juelich En
1100-1103 except 1134 kHz En
1700-1720 En
1905-1908 En
(Wolfgang B.schel, CR website, Nov 9, BC-DX Nov 22 via DXLD)

** CROATIA. Croatian transmitter on 1134 kHz is off already since last week. I expected a short failure or maintenance only so I did not report it. Now when I did it, the transmitter surely goes on the air very soon, HI (Sod's Law). If not maybe there is a possibility to hear something interesting from Asia? GOOD DX, (Karel Honzik, the Czech Republic (Czechia), AOR AR-7030, 80 m LW, HCDX via WORLD OF RADIO 1254, DXLD)

Karel, Maybe antenna damage occurred at Zadar site last week? Heavy like tropical storms and much rainfall reports from that area have been seen on TV widely. 73 (Wolfgang B.schel, ibid.)

** CUBA [non]. R. Marti, 530, missing Sat Nov. 20: see USA: TocobagaDX

** ECUADOR. HCJB's website is really screwed up. The DX Partyline audio page for months has had error notices about php, html, but at least the files play. There no longer seems to be a page with press releases, where I used to find some occasionally newsworthy info. The link to Spanish goes to more pages in English! So I went directly to <http://www.hcjb.org.ec> which forwards to <http://www.vozandes.org> looking for a simple program schedule of SW broadcasts in Spanish. No luck, tho there is an extremely detailed one for the ALAS satellite

service. I did run across a two-week (10 program) archive of M'sica del Ecuador, one-hour version in Spanish with Jorge Zambrano on the national service:

[http://www.vozandes.org/modules.php?](http://www.vozandes.org/modules.php?op=modload&name=Sections&file=index&req=viewarticle&artid=72&page=1&id_link=2)

[op=modload&name=Sections&file=index&req=viewarticle&artid=72&page=1&id_link=2](http://www.vozandes.org/modules.php?op=modload&name=Sections&file=index&req=viewarticle&artid=72&page=1&id_link=2)
(via WORLD OF RADIO 1254)

News gleaned from Nov 20 DX Partyline: plans for development of new Quito airport are in final stages of preparation. Construxion has begun of a new access road to the airport. HCJB has been advised that studies of RF interference and antenna height interference will proceed shortly, to evaluate feasibility of operating the [Pifo] transmitter site while respecting airspace safety standards required for the airport. Several towers need to be dismantled or modified because of excessive infractions into airspace safety zone. Tower most affected and most complicated to dismantle is the one suspending the reflective grid curtains behind the steerable antenna, used for long range transmission to Europe, Far East and others. It has carried Russian, Japanese, French, Czech, Slovak, Arabic, English, German and Spanish programming. With refocused ministry definitions for Latin America, this antenna is no longer strategic to goals. And is the most complicated to dismantle carefully, in case future opportunities arise to use it [elsewhere], it is wise to begin dismantling it now in a careful manner (Press release from offices of HCJB World Radio Latin American region, notes by gh for DX LISTENING DIGEST)

** EGYPT. Regarding previous report that R. Cairo would eliminate from 1 January, 29 of its 40-some language sections, and retain 11, I count in WRTN 2004 only 33 languages total, so I wonder if the four languages mentioned are actually the only ones to remain --- Arabic, English, French, Spanish (Glenn Hauser, DX LISTENING DIGEST)

** GERMANY. New time for AWR in Bulgarian via JUL 100 kW / 100 deg: 0600-0700 on 6095, ex 0500-0600 on same via JUL 100 kW / 115 deg (Observer, Bulgaria, Nov 23 via DXLD)

** GERMANY. 6045, Hamburger Lokalradio (via J,lich), opening right at 1000 Nov 20 (Sat) with what sounded like a fog horn, then quick ID, into man with some spirited singing, a little more talk, a song by some kids, more talk. Not very strong at this hour, of course, and bothered by persistent woodpecker-like QRM. Not much left by 1015. Saturdays only. I heard them with a similar signal quality in Dec 2000 when they were on then. URL is <http://www.hhlr.de/> (Jerry Berg, MA, NASWA Flashsheet via DXLD)

** GUAM. KTWR on 13630 Mandarin 2245-2330, but severe QRM from RA on same to same target in English (Bob Padula, Victoria, EDXP Report on HCJB DX Partyline Nov 20 via DXLD) So TWR does not talk to RA? (gh)

** ICELAND. Operators Yasunori/JI1NJC and Yuu/JR2KDN will be active from Iceland (TF) from November 25th to December 1st. They will use a Rhombic antenna and KW, and are interested in the low band. Here is a good chance to get TF on 160 and 80 meters (especially for Asia). Suggested frequencies are 1828.5 kHz (listening down 5) and 3503 kHz (listening up 5) (KB8NW\OPDX November 22\BARF-80 via John Norfolk, dxldyg via DXLD)

** ICELAND. 12115, Icelandic National Broadcasting, 2310-2330 Nov 21. Noted a man and woman in Icelandic comments. Signal is on USB vice AM [instead of? Supposed to be USB with reduced carrier]. Also signal was very good (Chuck Bolland, Clewiston, Florida, 545, dipole, DX LISTENING DIGEST)

** INDIA. AIR on 9425, Bangalore, 2115-2300. Young lady in Hindi with music program. Sounded like mix of Indian pops and traditional. Time pips to 2230, with deep-voiced man, "This is All India Radio." He read the news in English, with a few mentions on Pakistan, then lady back at 2235 with news in Hindi, more mentions of Pakistan, followed at 2240 by what sounded like a commercial/advert in Hindi, then the lady with music program continued. Signal good, but music much better than muffled speech. Could even hear them via 16" whip on KA105 pocket set. Been trying to pull in AIR for some time. Have since heard again with good signal, tho' fades away as afternoon here wears on. Odd thing is, when they come in, rest of 31 meters is pretty well dead. Such strange conditions. Have heard occasional very weak signal on 11620 (Eric Bryan, WA, Nov 22, DX LISTENING DIGEST)

** INDONESIA. RRI's external service Suara Indonesia appears to be operating on the single frequency of 15150 kHz for all its transmissions at present (drowned out here by China for much of the time), and 9525 and 11785 are no longer audible. The language/time schedule seems to be the same as in WRTH-2004. The service is no longer on FM in Jakarta.

Domestic services from Jakarta following the introduction of a new FM plan in Indonesia are:

Pro-1 on 92.1 MHz

Pro-2 on 105.0 MHz

Pro-3 on 1332, 11860, 15125 kHz and 92.8 MHz

Pro-4 on 999, 9680 kHz and 88.8 MHz

The SW frequencies operate throughout the local day. They disappear into the mush at night here, so I can't confirm their operating hours unfortunately. Regards from Lombok (Alan Davies, Indonesia, BC-DX Nov 17 via DXLD)

** IRAN. VOIRI heard on some new frequencies, including Spanish 15125 and 15320 at 0620; 11695 in English at 2015 (Bob Padula, Victoria, EDXP Report on HCJB DX Partyline Nov 20 via DXLD) Broadcasts start on previous half hour. Last sked we had for Spanish 0530 showed 17590 instead of 15125 (gh, DXLD)

** IVORY COAST. Re: Ivory Coast TV, Radio Urge Mob Violence

Is the 1830 GMT English news broadcast is a thing of the past?? I used to hear it at 1830 GMT in the early 70s, when conditions to W. Africa were very good, in San Antonio... (Artie Bigley, OH, Nov 19, DX LISTENING DIGEST)

Artie, I see in WRTH 2004 that they still have English at 1833-1930 on 2nd network --- but they have been off SW for many, many years (Glenn to Artie, via DXLD) I believe it was on the 11.9 MHz range

Hi Glenn, They had a five or ten minute news bulletin that could be heard back then in English. It really sad that a lot of the Africans countries have left SW and or don't have the strong voice they did in the late 60s and 70s (Artie Bigley, Nov 22, ibid.)

** JAPAN [and non]. There have been some recent emails looking for an up-to-date Radio Japan schedule. The schedule I have it still the A-04 (summer) schedule which is still the one on the Radio Japan website. If anyone has a B-04 schedule for Radio Japan they are apparently hoarding it. It's apparently a state secret as well!! Do they care about having listeners anymore? (Daniel Sampson, Prime Time Shortwave, Nov 22, swl at qth.net via DXLD)

B-04 NHK Radio Japan schedule "NHK World"

To SoEaAS

Burmese	1030-1100 11740SNG	1230-1300 9695*
	2320-2340 13650*	
Chinese	0600-0630 17860*	1200-1230 11740SNG
	2240-2300 13650*	2340-0000 13630* 17810
English	0100-0200 17810* 11860SNG	
	0500-0600 17810*	0600-0700 11740SNG
	1000-1200 9695*	1400-1600 7200
	0000-0015 13650* 17810	
Indonesian	0930-1000 9695*	1130-1200 & 1230-1300 13660
	2300-2320 17810	2340-0000 13650*
Japanese	0200-0300 11860SNG	0200-0500 17810*
	0700-0900 17860*	0700-1000 11740SNG
	0900-1600 11815*	1600-1900 7200
	2000-0000 11665*	2000-2200 7225*
Malay	1200-1230 9695* 13660	1300-1330 9695*

	2240-2300	17810		
Thai	1130-1200	11740SNG	1330-1400	7200
	2300-2320	13650*		
Vietnamese	1100-1130	13660	1230-1300	11740SNG
	2320-2340	17810		

To Asian Continent

Chinese	0400-0430 & 0500-0530	17845*		
	1200-1230, 1300-1330	6190*	1430-1500	6190
	2230-2250	9560*		
English	0100-0200	17845*	0500-0700	15195*
	1000-1200	11730*	1500-1600	6190
Japanese	0200-0300	17845*	0200-0500 & 0700-0800	15195*
	0800-1700	9750*	1600-1900	6035*
	2000-0000	11910*	2000-2100	6165*
	2100-2210	9560*		
Korean	0430-0500 & 0530-0600	17845*	1115-1145	6090
	1230-1300	6190*	1400-1430	6190
	2210-2230	9560*		
Russian	0330-0400	17845*	1330-1400	6190*

To FE Russia

English	0600-0700	11715*	11760*	
Japanese	0700-0800	6145*	6165*	
Russian	0530-0600	11715*	11760*	
	0800-0830	6145*	6165*	1900-1920 5955*

To SoWeAS

Bengali	0630-0700	15590*	11890SRI	1230-1300	11890SRI
English	0100-0200	15325*		1400-1600	9875*
Hindi	0700-0730	15590*	11890SRI	1300-1330	11890SRI
Japanese	0200-0500	15325*	[delete]	0300-0400	11890SRI]
	0800-1000	15590*		1500-1700	12045SNG
	1700-1800	11865SNG			
Urdu	0730-0800	15590*	11890SRI	1330-1400	11890SRI

To Oceania

English	0100-0200	17685*		0300-0400	21610
	0500-0700 & 1000-1100	21755	1400-1500	11840SRI	
	2100-2200	6035SNG			
Japanese	0300-0500	17685*			
	0700-1000	21755 11920SNG	1700-1900	7140	
	1900-2100	6035SNG	2200-2300	11770SRI	

To NoAM

English	0000-0100	6145CAN	0100-0200	17825*
	0500-0600	6110CAN(West)	0600-0700	11690*
	1000-1200	6120CAN(East)	1500-1600	9505*

	1700-1800	9535*		2100-2200	17825*
Japanese	0200-0500	5960CAN(Ea)		0300-0500	17825*
	0800-1000	9540*		1300-1500	11705CAN(Ea)
	1500-1700	9535*		2200-2300	17825*
To Hawaii					
English	0600-0700	17870		2100-2200	21670
Japanese	0700-0800	17870		0800-1000	9825
	1700-1900	9835*			
To CeAM					
English	0100-0200	17825*		0600-0700	11690*
	1500-1600	9505*		1700-1800	9535*
Japanese	0300-0500	17825*		0800-1000	9540*
	1500-1700	9535*			
	2200-2300	11895GUF	17825*		
Spanish	0500-0530	11895GUF		1000-1030	9540*
To SoAM					
English	0100-0200	17835			
Japanese	0200-0300	17835		0300-0400	9660GUF(West)
	0800-1000	9825	9530GUF(Ea)	1700-1800	21600GUF(West)
	1700-1900	9835*		2200-2300	15220ASC
	2300-2400	17605ATN			
Portug	0230-0300	9660GUF(East)		1030-1100	9530GUF(East)
Spanish	0400-0430	9660GUF(West)			
	1000-1030	9710	9530GUF(East)		
To Europe					
English	0500-0600	5975UKr		0500-0700	7230UKw
	1000-1100	17585UAE			
	1700-1800	11970*			
	2100-2200	6090UKs	6180UKs		
French	0630-0700	11970GAB		1800-1820	11970*
German	0600-0630	11970GAB			
	1100-1130	9660UKs	11710UKs		
Italian	0530-0545	11970GAB		1030-1045	21820GAB
Japanese	0800-1000	11710UKs		1700-1800	9750UKr
	1700-1900	6175UKs		2000-2100	11970*
	2200-2300	6115UKs			
Russian	0430-0500	11970GAB		1130-1200	11710UKs
	1840-1900	11970*			
Spanish	0500-0530	11970GAB		1820-1840	11970*
Swedish	0545-0600	11970GAB		1045-1100	21820GAB
To ME & NoAF					
Arabic	0400-0430	17780SRI		0700-0730	15220ASC(West)
	1100-1115	17665SRI			

English	0100-0200	6030UKr	17560*	1000-1100	17720UAE
French	0500-0530	17820SRI		1630-1650	7105*
Japanese	0300-0500	17560*		0800-1000	17720UAE
	1700-1900	9575UAE		2200-2300	7115UAE
Persian	0230-0300	17880SRI			
	0830-0900	17675SRI			

To Africa

Arabic	0400-0430	17780SRI		0700-0730	15220ASC(West)
English	1700-1800	15355GAB(South)			
	2100-2200	11855ASC(Central)			
French	1230-1300	15400ASC(West)	17870ASC(Central)		
	1800-1820	9685*	11785*		
Japanese	0800-1000	17650ASC(West)			
	1500-1700	21630ASC(Central)			
	1800-1900	15355GAB(South)			
Swahili	0330-0400	6135ASC(Central)			
	1300-1330	17870ASC(Central)			

191 frequencies. Relays:

ASC = Ascension 250 kW ATN = Bonaire 250 kW CAN = Sackville 250 kW
 GAB = Gabon 500 kW GUF = Fr.Guiana 300 kW SNG = Singapore
 100/250 kW SRI = Sri Lanka 300 kW UAE = Al Dhabbaya 500
 UK = United Kingdom, RMP 500 kW, SKN 250/300 kW, WOF 250/300 kW
 * via Yamata-JPN 300 kW - others 100 kW.

Please be advised that the schedule is subject to change. Radio Japan
 info @ intl.nhk.or.jp (NHK B-04 booklet, via wb BC-DX Nov 21)

DRM outlet, test transmission:

9875 1700-1800 Fris only MNO Rampisham 35 kW 95 deg English WeEUR DRM

NHK registrations:

kHz	UTC	CIRAF zones	Site	kW	az	slew	ant	Language	Country
5955	1900-1920	25,26,34,35	YAM	300	35	-20	208 D	Russian	J
5960	0200-0500	6-8	SAC	250	240	0	156 D	Japanese	CAN
5975	0500-0600	27,28,31N	RMP	500	140	0	145 D	English	J MER
5975	0500-0600	27,28W	RMP	500	140	0	145 D	English	G
6005	0100-0330	45	NAY	1	0	0	926 S	Japanese	J
6005	0400-1230	45	SAP	1	0	0	926 D	Japanese	J
6005	2000-0030	45	SAP	1	0	0	926 D	Japanese	J
6030	0100-0200	27,28,31N	RMP	500	110	15	206 D	English	J MER
6030	0100-0200	38,39,40	RMP	500	115	0	216 D	English	G
6035	1600-1900	43,44	YAM	300	290	0	146 D	Japanese	J
6035	1900-2000	55,58-60	SNG	250	140	-20	145 D	Japanese	SNG
6035	1900-2200	55,58,59,60	SNG	250	140	-20	145 D	Japanese	J MER
6035	2000-2100	55,58-60	SNG	250	140	-20	145 D	Japanese	SNG
6035	2100-2200	55,58-60	SNG	250	140	-20	145 D	English	SNG
6090	1115-1145	44E	YAM	100	280	0	800 D	Korean	J

6090	2100-2200	27,28W,37N	SKN	300	140	30	211	D	English	J	MER
6090	2100-2200	27,28W	SKN	300	140	30	216	D	English	G	
6110	0500-0600	6-8	SAC	250	268	0	156	D	English	CAN	
6115	2200-2300	27,28W,37N	SKN	300	125	15	211	D	Japanese	J	MER
6115	2200-2300	27,28W	SKN	300	125	15	211	D	Japanese	G	
6120	1000-1100	6-8	SAC	250	240	0	156	D	English	CAN	
6120	1100-1200	6-8	SAC	250	240	0	156	D	English	CAN	
6130	2000-0400	45	FUK	1	0	0	926	S	Japanese	J	
6135	0330-0400	48SW,52NE,53W	ASC	250	85	0	216	D	Swahili	J	MER
6135	0330-0400	46-48,52,53	ASC	250	85	0	216	D	Swahili	G	
6145	0000-0100	6-8	SAC	250	240	0	156	D	English	CAN	
6145	0700-0800	25,26,34,35	YAM	300	35	-20	208	D	Japansee	J	
6145	0800-0830	25,26,34,35	YAM	300	35	-20	208	D	Russian	J	
6165	0700-0800	23,24,33	YAM	300	330	25	208	D	Japanese	J	
6165	0800-0830	23,24,33	YAM	300	330	25	208	D	Russian	J	
6165	2000-2100	43,44	YAM	300	290	0	146	D	Japanese	J	
6175	1700-1900	27,28W,37N	SKN	250	150	0	341	D	Japanese	J	MER
6175	1700-1900	27,28W	SKN	250	150	0	141	D	Japanese	G	
6175	2000-0030	45	SHO	1	0	0	926	S	Japanese	J	
6180	2100-2200	19,28N,29N	SKN	300	70	-20	206	D	English	J	MER
6180	2100-2200	18,19,28N,29	SKN	300	70	-20	206	D	English	G	
6190	1200-1400	43,44	YAM	300	290	0	146	D	Various	J	
6190	1400-1430	44E	YAM	100	280	0	800	D	Korean	J	
6190	1430-1500	44	YAM	100	280	0	800	D	Chinese	J	
6190	1500-1600	43,44	YAM	100	280	0	800	D	Japanese	J	
7105	1630-1650	38,39,40	YAM	300	305	0	208	D	French	J	
7115	2200-2300	37S,38,39	DHA	500	285	-15	146	D	Japanese	J	MER
7115	2200-2300	38,39,40	DHA	500	285	0	146	D	Japanese	UAE	
7140	1700-1900	51,55,56,59,60	YAM	100	165	0	208	D	Japanese	J	
7200	1330-1400	49,50,54	YAM	100	240	30	208	D	Thai	J	
7200	1400-1900	49,50,54	YAM	100	240	30	208	D	Various	J	
7225	2000-2200	49,50,54	YAM	300	235	0	208	D	Japanese	J	
7230	0500-0700	18,19,28N,29	WOF	300	70	0	211	D	English	G	
9505	1500-1600	2,6,7,10,11	YAM	300	55	0	208	D	Various	J	
9530	0800-1000	13,14,15	GUF	300	155	0	151	D	Japanese	GUY	
9530	1000-1100	13,14,15	GUF	300	155	0	151	D	Various	GUY	
9535	0100-0330	45	SAP	1	0	0	926	D	Japanese	J	
9535	0430-0730	45	FUK	1	0	0	926	S	Japanese	J	
9535	1500-1800	2,6,7,10,11	YAM	300	55	-20	208	D	Japanese	J	
9540	0800-1000	2,6,7,10,11	YAM	300	55	0	208	D	Japanese	J	
9540	1000-1030	2,6,7,10,11	YAM	300	55	0	208	D	Japanese	J	
9550	0100-0730	45	SHO	1	0	0	926	S	Japanese	J	
9560	2100-2200	43,44	YAM	300	290	0	146	D	Japanese	J	
9560	2210-2230	44E	YAM	300	290	0	146	D	Korean	J	
9560	2230-2250	44	YAM	300	290	0	146	D	Chinese	J	
9575	1700-1900	37S,38,39	DHA	500	285	0	218	D	Japanese	J	MER
9575	1700-1900	38,39,40	DHA	500	285	0	146	D	Japanese	UAE	
9660	0230-0300	13,14,15	GUF	300	155	0	151	D	Portuguese	GUY	

9660	0300-0400	12,14,15	GUF	300	215	0	156	D	Japanese	GUY
9660	0400-0430	12,14,15	GUF	300	215	0	156	D	Spanish	GUY
9660	1100-1130	27,28W,37N	SKN	300	110	0	156	D	German	J MER
9660	1100-1130	27,28	SKN	300	110	0	156	D	German	G
9685	1800-1820	48,52,53,57	YAM	300	270	30	208	D	French	J
9695	0930-1000	49,50,54	YAM	300	240	0	208	D	Indonesian	J
9695	1000-1200	49,50,54	YAM	300	240	0	208	D	English	J
9695	1200-1330	49,50,54	YAM	300	240	0	208	D	Various	J
9700	0500-0900	39	YAM	300	305	0	208	D	Japanese	J
9700	1400-0100	39	YAM	300	305	0	208	D	Japanese	J
9710	1000-1030	14,16	YAM	100	85	0	208	D	Spanish	J
9740	0900-1400	39	YAM	300	305	0	208	D	Japanese	J
9750	0800-1700	43,44	YAM	300	290	0	146	D	Various	J
9750	1700-1800	18,19,28N,29	RMP	500	62	0	217	D	Japanese	G
9750	1700-1800	18,19,28N,29	SKN	300	70	-20	206	D	Japanese	J MER
9825	0800-1000	14,16,61	YAM	100	85	0	208	D	Japanese	J
9835	1700-1900	14,16,61	YAM	300	85	30	208	D	Japanese	J
9875	1400-1600	41	YAM	300	270	30	208	D	Various	J
11665	0000-0100	49,50,54	YAM	300	240	0	208	D	Japanese	J
11665	1900-2000	49,50,54	YAM	300	240	0	208	D	Japanese	J
11665	2000-2400	49,50,54	YAM	300	240	0	208	D	Japanese	J
11690	0600-0700	2,6,7,10,11	YAM	300	55	0	208	D	English	J
11705	1300-1500	6-8	SAC	250	240	0	156	D	Japanese	CAN
11710	0800-1000	18,19,28N,29	SKN	300	70	-20	206	D	Japanese	J MER
11710	0800-1000	18,19,28N,29	SKN	300	70	-20	206	D	Japanese	G
11710	1100-1130	18,19,28N,29	SKN	300	70	-20	206	D	German	G
11710	1100-1200	18,19,28N,29	SKN	300	70	-20	206	D	Ge/Russ	J MER
11710	1130-1200	18,19,28N,29	SKN	300	70	-20	206	D	Russian	G
11715	0530-0600	25,26,34,35	YAM	300	35	-20	208	D	Russian	J
11715	0600-0700	25,26,34,35	YAM	300	35	-20	208	D	English	J
11725	1600-0200	41	YAM	300	270	30	208	D	Japanese	J
11730	1000-1200	43,44	YAM	300	290	0	146	D	English	J
11740	0600-0700	49,50,54	SNG	250	1	21	147	D	English	SNG
11740	0600-1000	49,50	SNG	250	1	21	147	D	En/Jpn	J MER
11740	0700-1000	49,50,54	SNG	250	1	21	147	D	Japanese	SNG
11740	1030-1100	49,50	SNG	250	1	21	147	D	Burmese	J MER
11740	1030-1100	49,50,54	SNG	250	1	21	147	D	Burmese	SNG
11740	1130-1200	49,50,54	SNG	250	1	21	147	D	Thai	SNG
11740	1130-1300	49,50	SNG	250	1	21	147	D	Th/Ch/Vtn	J MER
11740	1200-1230	49,50,54	SNG	250	1	21	147	D	Chinese	SNG
11740	1230-1300	49,50,54	SNG	250	1	21	147	D	Vientnam	SNG
11760	0530-0600	23,24,33	YAM	300	330	25	208	D	Russian	J
11760	0600-0700	23,24,33	YAM	300	330	25	208	D	English	J
11770	2200-2300	55,58-60	EKA	300	130	0	208	D	Japanese	CLN
11785	1800-1820	48,52,53,57	YAM	300	270	0	208	D	French	J
11815	0900-1600	49,50,54	YAM	300	235	0	208	D	Japanese	J
11840	1400-1500	55,58-60	EKA	300	130	0	208	D	English	CLN
11855	2100-2200	48,52,53	ASC	250	85	0	216	D	English	J MER

11855	2100-2200	46-48,52,53	ASC	250	85	0	216	D	English	G
11860	0100-0200	49,50,54	SNG	250	340	0	145	D	English	SNG
11860	0100-0300	49,50,54	SNG	250	340	0	145	D	En/Jpn	J MER
11860	0200-0300	49,50,54	SNG	250	340	0	145	D	Japanese	SNG
11860	1200-1600	41	YAM	300	270	30	208	D	Japanese	J
11865	1700-1800	41	SNG	250	315	0	207	D	Japanese	J MER
11865	1700-1800	41	SNG	250	315	0	211	D	Japanese	SNG
11890	0630-0800	41	EKA	300	350	0	146	D	Various	CLN
11890	1230-1300	41	EKA	300	350	0	146	D	Various	CLN
11890	1300-1400	41	EKA	300	350	0	146	D	Various	CLN
11895	0500-0530	10,11W	GUF	300	295	0	151	D	Spanish	GUY
11895	2200-2300	10,11W	GUF	300	295	0	151	D	Japanese	GUY
11910	0000-0100	43,44	YAM	300	290	0	146	D	Japanese	J
11910	1900-2000	43,44	YAM	300	290	0	146	D	Japanese	J
11910	2000-2400	43,44	YAM	300	290	0	146	D	Japanese	J
11920	0700-1000	55,58,59,60	SNG	250	140	-20	145	D	Japanese	J MER
11920	0700-1000	55,58-60	SNG	250	140	-20	145	D	Japanese	SNG
11970	0430-0700	27,28	GAB	500	350	0	158	D	Various	J
11970	1700-1800	18,27,28N	YAM	300	330	25	208	D	English	J
11970	1800-1900	18,27,28N	YAM	300	330	25	208	D	Various	J
11970	2000-2100	18,27,28N	YAM	300	330	25	208	D	Various	J
12045	1500-1700	41	SNG	250	315	0	207	D	Japanese	J MER
12045	1500-1700	41	SNG	250	315	0	207	D	Japanese	SNG
13630	2340-2400	49,50,54	YAM	300	235	0	208	D	Chinese	J
13650	0000-0015	44S,49,50,54	YAM	300	235	0	208	D	English	J
13650	2240-2400	44S,49,50,54	YAM	300	235	0	208	D	Various	J
13660	1100-1230	49,50,54	YAM	100	240	30	208	D	Various	J
13660	1230-1300	49,50,54	YAM	100	240	30	208	D	Indonesian	J
15195	0100-0200	43,44	YAM	300	290	0	146	D	Japanese	J
15195	0200-0800	43,44	YAM	300	290	0	146	D	Various	J
15220	0700-0730	46,47	ASC	250	27	0	547	D	Arabic	J MER
15220	0700-0730	46,47	ASC	250	27	0	147	D	Arabic	G
15220	2200-2300	13,14,15	ASC	250	235	-30	216	D	Japanese	J MER
15220	2200-2300	13,14	ASC	250	235	-30	216	D	Japanese	G
15325	0100-0500	41	YAM	300	270	30	208	D	Various	J
15325	0500-1000	41	YAM	300	270	30	208	D	Japanese	J
15355	1700-1900	52,57	GAB	500	170	0	158	D	Various	J
15400	1230-1300	46,47	ASC	250	27	0	547	D	French	J MER
15400	1230-1300	46,47	ASC	250	27	0	147	D	French	G
15405	0600-0700	49,50,54	YAM	300	235	0	208	D	Japanese	J
15590	0630-0800	41	YAM	300	270	0	208	D	Various	J
15590	0800-1000	41	YAM	300	270	0	208	D	Japanese	J
15590	1000-1200	41	YAM	300	270	30	208	D	Japanese	J
17560	0100-0200	38,39,40	YAM	300	305	0	208	D	English	J
17560	0200-0300	39	YAM	300	305	0	208	D	Japanese	J
17560	0300-0500	38,39,40	YAM	300	305	0	208	D	Japanese	J
17585	1000-1100	28E,39N	DHA	500	315	0	218	D	English	J MER
17585	1000-1100	18,27,28N	DHA	500	315	0	218	D	English	UAE

17605	2300-2400	14,15,16	BON	250	170	0	215	D	Japanese	HOL
17650	0800-1000	46,47	ASC	250	27	0	547	D	Japanese	J MER
17650	0800-1000	46,47	ASC	250	27	0	147	D	Japanese	G
17665	1100-1115	38-40	EKA	300	310	0	211	D	Arabic	CLN
17675	0830-0900	38-40	EKA	300	310	0	211	D	Persian	CLN
17685	0100-0200	51,55,56,59,60	YAM	300	175	0	208	D	English	J
17685	0300-0500	51,55,56,59,60	YAM	300	175	0	208	D	Japanese	J
17720	0800-1000	38,39,40	DHA	500	285	0	218	D	Japanese	UAE
17720	0800-1100	37S,38,39	DHA	500	285	0	218	D	Jpn/En	J MER
17720	1000-1100	38,39,40	DHA	500	285	0	146	D	English	UAE
17780	0230-0300	38-40	EKA	300	310	0	211	D	Persian	CLN
17780	0400-0430	38-40	EKA	300	310	0	211	D	Arabic	CLN
17810	0000-0015	44S,49,50,54	YAM	100	240	30	208	D	English	J
17810	0100-0600	49,50,54	YAM	300	240	-30	208	D	Various	J
17810	2240-2400	44S,49,50,54	YAM	100	240	30	208	D	Various	J
17820	0500-0530	38-40	EKA	300	310	0	211	D	French	CLN
17825	0100-0200	2,6,7,10,11	YAM	300	55	0	208	D	Various	J
17825	0300-0500	2,6,7,10,11	YAM	300	55	0	208	D	Various	J
17825	2100-2200	2,6,7,10,11	YAM	300	55	0	208	D	English	J
17825	2200-2300	2,6,7,10,11	YAM	300	55	0	208	D	Japanese	J
17835	0100-0300	14,16	YAM	100	85	0	208	D	Various	J
17845	0100-0300	43,44	YAM	300	290	0	146	D	Various	J
17845	0330-0500	43,44	YAM	300	290	0	146	D	Various	J
17845	0500-0600	43,44	YAM	300	290	0	146	D	Various	J
17860	0600-0630	44S,49,50,54	YAM	300	240	0	208	D	Chinese	J
17860	0700-0900	49,50,54	YAM	300	240	0	208	D	Japanese	J
17870	0600-0700	61	YAM	100	85	0	208	D	English	J
17870	0700-0800	61	YAM	100	85	0	208	D	Japanese	J
17870	1230-1330	48,52,53	ASC	250	85	0	607	D	French	J MER
17870	1230-1330	46-48,52,53	ASC	250	85	0	207	D	French	G
21600	1700-1800	12,14,15	GUF	300	215	0	156	D	Japanese	GUY
21610	0300-0400	51,55,56,59,60	YAM	100	165	0	208	D	Various	J
21630	1500-1600	46-48,52,53	ASC	250	85	0	216	D	Japanese	G
21630	1500-1700	48,52,53	ASC	250	85	0	216	D	Jpn/En	J MER
21630	1600-1700	46-48,52,53	ASC	250	85	0	216	D	English	G
21670	2100-2200	61	YAM	100	85	0	208	D	English	J
21755	0500-1100	51,55,56,59,60	YAM	100	165	0	208	D	Various	J
21820	1030-1100	27,28	GAB	500	350	0	158	D	Various	J

Also for NSB, R. Nikkei [but what about 3925, 3945?]

6055	0000-2400	45	NAG	50	64	0	701	D	Japanese	J NSB
6055	0000-2400	45	NAG	50	244	0	701	D	Japanese	J NSB
6115	2300-1000	45	NAG	50	50	0	701	D	Japanese	J NSB
6115	2300-1000	45	NAG	50	230	0	701	D	Japanese	J NSB
9595	0000-2400	45	NAG	50	64	0	701	D	Japanese	J NSB
9595	0000-2400	45	NAG	50	244	0	701	D	Japanese	J NSB
9760	2300-0800	45	NAG	50	230	0	701	D	Japanese	J NSB
9760	2300-0800	45	NAG	50	50	0	701	D	Japanese	J NSB

(via Wolfgang B,schel, DXLD)

** JORDAN. The monitored schedule of Radio Jordan in B-04 is...

6105 1840-2300

9830 1840-2300

11690 1400-1730 in English

11810 [s-on not audible - heard around 0550]-0815 and 1130-1600

Carries Forces Programme 1400-1600. [registered from 0400-]

11960 0600-0815

15290 1130-1300

All times are variable by several minutes. If anyone can hear 11810 open please let us know. Another is using the frequency until 0500 and may be Radio Sohl (Noel R. Green-UK, BC-DX Nov 21, via DXLD)

** KOREA NORTH. Voice of Korea, Pyongyang in Russian at 0700-0857 UT produces some spurious signals in 19 mb today. Due to CRI German on 15245 kHz Pyongyang now uses 15260 kHz. Fundamental signal is on 15260.80 ... wandering to 15260.86 kHz. Spurs about 16.6 and 33.2 kHz apart on: 15227.6, 15244.2, strongest on 15277.36...15277.55, and weak on 15294.00 kHz. 73 (Wolfgang B,schel, Nov 23, dxldyg via DX LISTENING DIGEST)

** KURDISTAN. 4860, CLANDESTINE, V. of Iranian Kurdistan, 0259-0314, Nov. 22, Kurdish, Kurdish music at tune-in, fanfare/martial music at 0300, ID at 0303 followed by more fanfare and "echo" YL, Kor'an-like chanting, OM talks at 0308 continuing through tune-out. Poor/fair, improved after 0300. Thanks Anker Peterson tip via November's NASWA Journal (Scott Barbour, NH, dxldyg via DX LISTENING DIGEST)

** LAOS. 4649, Xam Nua (aka Sam Neua) on Nov 17, at 1200 to 1231 carrier off. Given the usual difficulty of hearing this outlet, very decent copy today with a march or anthem 1200-1201 UT followed by woman and men announcers (or actualities) to 1230 UT. No music other than at 1200. Program off at 1230 but carrier until 1231 UT. Solid S2 with no evidence of ute that covered this channel yesterday (Bruce W. Churchill, CA, DXplorer Nov 17 via BC-DX via DXLD)

** LIBYA. Re 11180-USB: Supposedly one of the remaining RIZ Zagreb ssb transmitters once delivered for the diplomatic service in Libya. Direction finding of an European monitoring station showed up Libyan soil on the screen, in 2003y (Wolfgang B,schel, BCDX Nov 22 via DXLD)

** MALI. Although RTM Bamako on 9635v is still quite "audible" in terms of carrier, the content, i.e. the audio seems to get worse every day. Fluctuating between S7 & S9 without preamp., that was their best channel as observed on 16 Nov at 1309; 11960 was completely inaudible; \\ 7285.1 only allowed a weak zero beating (Carlos GonÁalves,

Portugal, BC-DX Nov 16 via DXLD)

** MEXICO. Re 4-172, possibly R. Insurgente Fridays at 2100-2200 on 6.0 MHz --- I should point out that Venezuela via Cuba has been heard at this very time on 6000, altho not in the announced and published schedule (Glenn Hauser, OK, WORLD OF RADIO 1254, DX LISTENING DIGEST) Here's another:

ES LA VOZ OFICIAL DE LOS ZAPATISTAS, "UNA ESTACI"ON DESLIGADA DEL MAL GOBIERNO" --- Publicado el d"ia de hoy en "La Jornada", M"exico D.F. Lunes 22 de noviembre de 2004

En su 21 aniversario, inaugura el EZLN una p"gina en Internet: Radio Insurgente --- Difunde ideas y contenidos de su lucha a trav"es de frecuencia modulada y en onda corta

HERMANN BELLINGHAUSEN ENVIADO

San Crist"bal de las Casas, Chis. 21 de noviembre. Al celebrarse el vigesimoprimer aniversario del Ej"rcito Zapatista de Liberaci"n Nacional (EZLN), dicha organizaci"n inaugur" un sitio en Internet en el que se pueden ver y escuchar los materiales y programas de Radio Insurgente, con lo cual sus contenidos se vuelven accesibles en todo el mundo. Con mensajes en castellano, ingl"s, franc"s, alem"n e italiano, la tambi"n llamada "la voz de los sin voz" y "la escurridiza del cuadrante" se presenta con el habitual "qui"nes somos" de las p"ginas intern"uticas:

"Radio Insurgente es la voz oficial del EZLN. Una estaci"n totalmente desligada del mal gobierno mexicano. Difunde las ideas y los contenidos de la lucha zapatista a trav"es de frecuencia modulada (FM) y en onda corta, en esta p"gina web y en sus producciones de CD." Tambi"n da cuenta de "los avances del proceso de construcci"n de la autonom"ia ind"gena" en las zonas zapatistas.

"En FM, Radio Insurgente transmite, desde varias emisoras en las monta"as del sureste mexicano, una programaci"n destinada a las bases de apoyo zapatistas; a los y las insurgentes, milicianos y comandantes; a la sociedad civil regional, as" como a los soldados y paramilitares. Los programas son transmitidos, adem"s del espa"ol, en las lenguas tzotzil, tzeltal, chol y tojolabal. La programaci"n alterna noticias locales, nacionales e internacionales con m"sica, mensajes educativos y pol"ticos, cuentos y radionovelas. La programaci"n incluye m"sica tradicional de los pueblos ind"genas, corridos zapatistas, canciones revolucionarias y todo tipo de m"sica internacional."

La estaci"n radial "es un medio para que las comunidades difundan su

música, su palabra y su pensamiento. Es la única estación de radio independiente que transmite en lenguas indígenas en el estado de Chiapas, y por esta razón es entendida por hombres, mujeres y niños. En Chiapas, por las políticas educacionales catastróficas del mal gobierno, aproximadamente un tercio de los hombres y la mitad de las mujeres no saben leer ni escribir. Especialmente la mayoría de las mujeres no hablan ni entienden el español".

La señal de Radio Insurgente se escucha en regiones aisladas, "donde no hay energía eléctrica, adonde no llega ningún periódico y la diversión principalmente consiste en jugar basquetbol o futbol". Para estas comunidades, la difusora "abre una ventana al mundo y trae información acerca de las luchas de otros pueblos en otros países. Los cientos de cartas que todos los días llegan a las cabinas de Radio Insurgente con saludos y mensajes políticos de los oyentes demuestran la importancia de esta radio para los pueblos indígenas de Chiapas".

En FM, las diversas estaciones de esta emisora independiente transmiten para los Altos, la selva fronteriza, la selva tzeltal, la zona norte y la región Tzotz Choj, correspondientes a las cinco juntas de buen gobierno (JBG). Tiene además un programa semanal de onda corta "destinado a los pueblos de México y de las Américas, pero también a la sociedad civil de Europa, Africa, Asia y Oceanía. Informa sobre los sucesos actuales en Chiapas, y sobre los avances en la construcción de la autonomía zapatista que se realiza a través de las JBG y de los municipios autónomos rebeldes zapatistas. Informa también sobre la historia del EZLN, los derechos de las mujeres indígenas y muchos temas más. Además, entretiene con música variada y cuentos provenientes de Chiapas".

En onda corta, Radio Insurgente transmite una hora cada viernes en la frecuencia 6.0 MHz en la banda de 49 metros, a partir de las 15 horas (hora oficial de la Ciudad de México, GMT -6). En tanto, mediante la página web se pueden escuchar y descargar los programas semanales de onda corta, así como los programas especiales y algunas muestras de las transmisiones en FM.

El EZLN invita "cordialmente" a todas las estaciones de radio libres y comunitarias a retransmitir los programas de Radio Insurgente. "La retransmisión es libre y gratuita, siempre y cuando no se cambie el contenido del programa."

En el sitio de producciones de la emisora, el internauta puede escuchar fragmentos de las grabaciones hechas en los estudios de la radio rebelde, que incluyen cuentos del subcomandante insurgente Marcos y "músicas" de las zonas zapatistas.

El escucha-internauta también puede escribir al equipo de Radio

Insurgente "para dar a conocer sus propuestas y comentarios". En el enlace "Discursos" del sitio web se encuentran audios de los discursos de comandantes, comandantas y demás autoridades zapatistas, pronunciados en diversos actos. El enlace "Comunicados" conduce a las comunicaciones escritas del EZLN. En "Cómo apoyar" se describen diversas posibilidades para apoyar a la radiodifusora rebelde.

El EZLN informa que durante los pasados tres años se ha desarrollado un estudio de grabación digital en zona rebelde, como parte de Producciones Radio Insurgente. Los grupos musicales de las comunidades en resistencia graban en el estudio "sin tener que pagar".

Con estas producciones, los grupos musicales indígenas en general, y zapatistas en particular, "tienen la oportunidad de grabar su música, dando así una difusión más amplia a la música tradicional de las comunidades y a los corridos zapatistas".

La dirección Web o URL de Radio Insurgente es:

<http://www.radioinsurgente.org/>

(via Héctor García Bojorge, DF, Nov 22, condiglist via DXLD)

** MEXICO [and non]. The continuing saga of XETRA-AM 690. Last week, afternoon host The Mighty 1090's Ted Leitner commented that the station will not be programming sports very soon. The date tossed around in the backrooms and smoke filled halls is January 3, 2005. If the station leaves the Clear Channel programming fold, it could -- repeat -- could become the alternative home for The Mighty 1090. No one is officially talkin' but there is a lot of behind the scenes shuffle going on. Currently, Clear Channel has the U.S. programming and marketing rights until 2007. Yes, it is really another Stay Tuned kind of thing. Other interesting 690 note: WFAN kicked off sports programming in 1987, according to the station. Xtra Sports 690 signed on in 1990 (SDRadio.net Nov 16 via DXLD)

** NIGERIA. QSL VOICE OF NIGERIA "POR FIN LLEGÓ"! Hola Compañeros, después de 688 días, por fin me verifica una emisora que llevo casi 15 años mandándole informes --- Ésta es VOICE OF NIGERIA. AHÓ VAN LOS DATOS

15120, Voice Of Nigeria, Broadcasting House, P:M:B: 40003, Falomo, Ikoyi-Lagos, (NIGERIA). QSL con datos completos, no firmada, sólo matasellada por el sello del Director de Programas. NO IRC. NO \$. Tiempo de demora "688 días! Idioma verificado: inglés

Bueno, compañeros, yo ya había perdido la esperanza con esta emisora, así que la alegría ha sido 5 veces mayor que si te la esperas y además después de 3 meses sin recibir nada. Saludos (desde Cartagena, España, de vuestro colega y amigo JOSE HERNANDEZ MADRID, Nov 23, Noticias DX

via DXLD)

** OKLAHOMA. I see some discussion on the OK Radio-Info board that ch 30 KQOK (originally Shawnee) has been sold and will become KTUZ, changing from home shopping to Telemundo. Unfortunately, this one doesn't make it well to Enid on the air. Maybe it will lead to Telemundo on a few more basic cable systems. In Enid, we only got Univisi n a few months ago (Glenn Hauser, DX LISTENING DIGEST)

** OKLAHOMA. The ``non-commercial`` gospel station which operated out of a church in Enid for years, KBVV, not much power on 91.1, but plenty to block Garden City, Wichita, and adjacent channels, force KOSU 91.7 Stillwater to attenuate its third-adjacent signal toward Enid, and which ran commercials, has been off the air since about November 1. I did not note down the date I first found it missing, but still off UT November 24, presumably pending completion of sale to a new out-of-state owner which will also program it religiously (Glenn Hauser, Enid, DX LISTENING DIGEST)

** PAKISTAN. Hi Glen[n]: The B04 Radio Pakistan schedule, posted earlier on DXLD, lists Bangla at 1200-1245 on 11550. I was wondering if there's been a change.

This morning (Nov 23) I got nothing there but on 11570, one of their other known frequencies, at 1211 I heard Indian subcontinental vocals with sitar and bongo type drum accompaniment and talk by a man in a subcontinental language. Any idea from your sources what I might have heard? (Mark Coady, Editor, Your Reports, Listening In - Ontario DX Association; Chair, Light Poillution Awareness Committee; Peterborough Astronomical Association, DX LISTENING DIGEST)

Hi Glenn and Mark, Radio Pakistan's Bangla 1200-1245 and Nepali 1245-1315 UT services are scheduled to use 11550 and 15625 according to their printed schedule via API-1 & 3 100 kW at 118 degrees. I have identified 15625 but on 11550 I have heard two signals at 1230 which have not yet been positively identified due to weak strength.

On 11570 at 1200-1230 UT should be their Chinese language service via API-6 and in parallel with API-5 on 9585. Both 250 kW via 70 degrees. I've heard 11570 but not yet 9585. So Mark will have heard the latter service - and perhaps Chinese spoken with an Asian 'accent'. I hope that's of help. 73s from (Noel Green, Blackpool - NW England, DX LISTENING DIGEST)

** PHILIPPINES. Some time and frequency changes for R. Veritas Asia, from Nov. 7 & 14

0030-0057 Kachin	9505 PUG 250 kW / 280 deg, ex 2330-2357 on 9505
0100-0127 Bengali	11790 PUG 250 kW / 300 deg, ex 0030-0057 on 11770

0130-0157 Hindi 11790 PUG 250 kW / 280 deg, ex 0030-0057 on 11780
0200-0227 Urdu 15350 PUG 250 kW / 300 deg, ex 0100-0127 on 15335
0230-0257 Zomi-Chin 11895 PUG 250 kW / 280 deg, ex 0000-0027 on 11705
0230-0327 Russian 17830 PUG 250 kW / non-dir, ex 0130-0157 on 17830
1400-1427 Bengali 11725 PUG 250 kW / 280 deg, ex 1400-1427 on 11730
1430-1457 Urdu 11725 PUG 250 kW / 300 deg, ex 1430-1457 on 11880
1500-1557 Tagalog 11765 PUG 250 kW / 300 deg, ex 1500-1557 on 11705
2200-2227 Cantonese 9805 PUG 250 kW / 331 deg, ex 2300-2327 on 9805
(Observer, Bulgaria, Nov 23 via DXLD)

** POLAND. Two more pictures of the crashed 646-metre-tall
Konstantynow [longwave] mast [before it crashed]:
<http://community.webshots.com/photo/58788977/587890541xUZuc>
<http://community.webshots.com/photo/58788977/58789117tbnXfK>
(via Kai Ludwig, DXLD)

** PORTUGAL. 9795: On 15 Nov, the RDP finally replied to my query
about the non-use of their 7310 frequency intended for extra
broadcasts only; it was never used because of collision with the V of
Russia, and its replacement effective 15 Nov is 9795 kHz. This applies
to the broadcast to Europe 2000-2400 Mon-Fri, Sat & Sun. I had noted
7310 off on at least two occasions after B-04 came into effect: you
guessed it, during a major football match report, which seems to be
the main current reason for the RDP to air those special or extra
broadcasts (Carlos GonÁalves, Portugal, BC-DX Nov 16 via DXLD)

** ROMANIA. Some frequency changes for B-04 of Radio Romania
International:
0100-0356 En/Fr/Sp NF 9615, ex 9690
0900-0956 Romanian NF 15480, ex 15430 Sun only
1500-1556 Arabic NF 15255, ex 17820
1600-1656 Russian NF 7135, ex 7100
(Observer, Bulgaria, Nov 23 via DXLD)

** RUSSIA. Additional transmissions for TWR Eu via EKB 100 kW / 263
deg: 1700-1715 Mon/Tue/Thu/Fri in Czech on 6240 and 7180 (Observer,
Bulgaria, Nov 23 via DXLD)

** SAUDI ARABIA. BSKSA Main program in Arabic on odd frequencies via
RIY 500 kW:
0600-0855 on 17730.4 / 295 deg 1200-1455 on 21505.4 / 295 deg
0900-1155 on 17805.4 / 295 deg 1500-1755 on 15435.4 / 320 deg
(Observer, Bulgaria, Nov 23 via WORLD OF RADIO 1254, DXLD)

** SPAIN [and non]. Since REE removes Nuestro Sello, classical music
show from its morning schedule every winter (1405 UT in summers), I
was happy to run across La Zarzuela, until 2300* UT Sunday Nov 21 on
17850 via Costa Rica. Don't you believe

http://www.rtve.es/rne/ree/ProgramasDV/La_Zarzuela.htm
which says this airs only at 1125 on Sat! Then I check the entire
program schedule which is supposedly current, at
<http://www.rtve.es/rne/ree/OndaCorta/p-h-f1.htm>
and again see it only during that Saturday hour, when the frequencies
are 9660, 13720, 15585, 21610. Supposedly scheduled on Sundays until
2300 is ``La Bañera de Ulises`` -- Ulysses` Bathtub --- what in the
world is that about? The other frequencies listed are 15125, 9765,
9630, altho the closing announcement mentioned 11815 going off at 2300
-ñ by the time I checked that, no signal, if there ever was one. Would
it be too much trouble for REE to get its act together? (Glenn Hauser,
OK, WORLD OF RADIO 1254, DX LISTENING DIGEST)

** SUDAN. 4750, Radio Peace, location? 0230 to 0300 tune in with YL
giving news regarding cease fire, "....cease fire leaves Sudan in a
very unfortunate state". OM with strong ID 0242 "This is Radio Peace".
Into variety music, one selection similar to hi life, other beautiful
African vocals, 20 November (Robert Wilkner, FL, Nov 22, HCDX via
DXLD)

Location is New Site, just southeast of a village called Narus. This
is in Eastern Equatoria region of southern Sudan, just over the border
with Kenya, about halfway between Lokichoggio (Kenya) and Kapoeta
(Sudan). For more info (and some photos) see:
<http://www.dxing.info/community/viewtopic.php?t=1506>
<http://www.dxing.info/community/viewtopic.php?t=1377>
http://www.dxing.info/news/2004_03.dx
73 (Jari Savolainen, Kuusankoski, Finland, ibid.)

Radio Peace, 4750 kHz, brief e-mail verie statement in 10 days for
an air mail report from pete @ edmedia.org Verie signer: Peter Stover
(Vashek Korinek, RSA, DXplorer Nov 22 via BC-DX via DXLD)

** SWITZERLAND. Just received a couple of QSLs for the final day's
transmission on Swiss Radio International. The English section also
gave away a key ring and mouse matt. So anyone who heard the final
transmission and needs a QSL from Switzerland, it's worth e-mailing
them right away (Nick Sharpe, UK, Nov 19, worldldxclub via DXLD)

** TIBET [non]. UZBEKISTAN: New schedule for V. of Tibet in
Tibetan/Chinese via TAC 100 kW / 131 deg
1212-1300 on 17545 + Chinese Mx Jammer, alt. 17525 or 17560
1302-1350 on 15535 + Chinese Mx Jammer, alt. 15525 or 15540
1430-1518 on 7520 + Chinese Mx Jammer, alt. 7505 or 7480
1520-1608 on 7520 + Chinese Mx Jammer, alt. 7505 or 7480
(Observer, Bulgaria, Nov 23 via WORLD OF RADIO 1254, DXLD)

** TURKEY. Frequency change for TRT / Voice of Turkey in English from

Nov. 23: 2300-2350 5960, ex 7275 (Observer, Bulgaria, Nov 23 via DXLD)

VOT English to Eu/Af on 6055 at 1930-2030 (Bob Padula, Victoria, EDXP Report on HCJB DX Partyline Nov 20 via DXLD)

** TURKEY. 11925, one of the distorted Turkish transmitters from CAK site, bad audio, 40 kHz wide splatter, 20 kHz both sides. 0500-1000 UT (Wolfgang B,schel, BC-DX Nov 17 via DXLD)

** TURKS & CAICOS. RVC "stole" 530 kHz about 30 seconds before R. Marti was about to implement it! Marti had the facility for operation on this frequency constructed, but hadn't got it tweaked up to run when RVC appeared (WORLD OF RADIO 1254, DX LISTENING DIGEST) See also USA -- Tocobaga

** UKRAINE. Radio Ukraine International --- With the hotly disputed Ukrainian presidential election, I thought it would be a good time to give their SW broadcast schedule again. According to the announcement, all of these broadcasts are aimed at Europe, although the 0100 and 0400 broadcasts are also aimed at North America (thank you, great circle routes!):

2200 UTC	5880 kHz (? -- The announcer might have said 5840) [yes]
0100 UTC	7440 kHz
0400 UTC	7440 kHz
1200 UTC	15620 kHz

The 2200, 0100 and 0400 broadcasts are apparently available in Real Audio; try <http://www.nrcu.gov.ua>

The 0100 and 0400 broadcasts provide excellent reception here in the Catskill Mountains of New York. I was pleasantly surprised with their coverage on Monday of the runoff election, which seemed relatively comprehensive, and not slanted much toward either candidate (Ted Schuerzinger, Swprograms mailing list, Nov 23, via WORLD OF RADIO 1254, DXLD)

UKRAINIAN MEDIA BEHAVIOUR 21-23 NOVEMBER

All Ukrainian broadcast media put on additional coverage for the night of the presidential runoff between Prime Minister Viktor Yanukovich and opposition leader Viktor Yushchenko. As the opposition mounted protests against what they described as vote rigging in the prime minister's favour, the pro-opposition media broadcast live relays from the protester's rally while an exodus of protesting reporters disrupted news coverage on progovernment channels.

Press coverage remained true to the normal government/opposition

divisions.

Poll night

Most TV stations broadcast live "telethons" on election night on 21 November as soon as polls closed at 1800 gmt, having put on special news bulletins during the day. The telethons led with the results of the exit polls giving Yushchenko a clear lead. Several pro-government channels misquoted the exit polls, switching the figures around to give Yanukovych the lead.

State-owned UT1 broadcast news bulletins every two hours with a studio debate after polls closed, breaking for the main news at 1900 gmt. The bulletin led on upbeat reports from the prime minister's headquarters saying their own vote count put Yanukovych ahead by 3 per cent. Two exit polls were quoted, one (Western-funded) giving the lead to Yushchenko, the other (government-funded) to Yanukovych. At 2100 gmt the station went off the air making way for private Era TV which shares the same frequency. Era TV, owned by businessman Andriy Derkach, maintained impartiality throughout the campaign but showed increasing signs of favouring the opposition towards the end, such as broadcasting Yushchenko campaign ads and a sympathetic film about Yushchenko's family. Era's election night coverage openly favoured the opposition, with news leading on exit polls giving the lead to Yushchenko and the discussion featuring Yushchenko's allies, Socialist leader Oleksandr Moroz and leader of the Industrialists and Entrepreneurs Party Anatoliy Kinakh. At the end of their airtime Era interviewed Tyhypko in the studio confronting him with evidence of vote rigging. Radio Era, part of the same broadcasting company, also broadcast live debates and regular news updates throughout the night.

Opposition 5 Kanal broadcast news bulletins on the hour from 0600 to 1700 gmt starting a live telethon at 1750 gmt. Reports focused on allegations of widespread irregularities, with some video reports showing stacks of premarked ballot papers cast into the box and a vanishing ink pen seized at one polling station. Presenters wore orange ties to echo Yushchenko's campaign colour. Ads were broadcast in between bulletins urging viewers to record any incidents of fraud on camera and promising to air them later, some of which were. The telethon led on exit polls giving Yushchenko the lead and continued until early morning with live updates from the Central Electoral Commission and studio discussions between opposition and government spokespeople. One discussion featured Yushchenko's closest ally Yuliya Tymoshenko and Yanukovych's campaign chief Serhiy Tyhypko. At 0015 gmt the channel went live to the CEC to interview Yushchenko who declared he no longer believed the commission's returns. Shortly after it broadcast a live relay of Yushchenko's statement at his HQ calling for people to take to the streets and protest against "election fraud".

The ICTV channel owned by President Leonid Kuchma's son in law Viktor Pinchuk broadcast two reports during the day and a live studio debate from 1550 gmt until about 2300 gmt in which Yanukovych and Yushchenko allies confronted each other in the studio. ICTV reported the Yushchenko lead in exit polls but added the caveat that exit polls are not an accurate reflection of the vote. The two other channels owned by Pinchuk, Novyy Kanal and STB, have maintained neutrality.

Two channels controlled by the presidential administration, One Plus One TV and Inter TV, put on modest coverage. One Plus One broadcast no news bulletins through the day, but had a live studio discussion from 1730 gmt into the early hours. The discussion was presented by the station's news chief Vyacheslav Pikhovshek and featured live video linkups to the Central Electoral Commission's results board. The absence of correspondents at the commission confirmed reports earlier in the day of a mass exodus of staff from the station protesting at "censorship". Inter TV carried hourly news bulletins from 0600 gmt and a several hours' studio discussion from 2200. Both One Plus One and ICTV, which are controlled by President Kuchma's chief of staff Viktor Medvedchuk, misquoted exit polls switching the figures around to show Yanukovych in the lead. Later Inter corrected its report but led on another exit poll favouring the premier. The discussions on One Plus One and Inter featured a few Yushchenko supporters but mostly the Yanukovych team and their allegations of irregularities in Kiev and western Ukraine.

Morning after

Opposition 5 Kanal broadcast hourly bulletins with live updates from the Central Electoral Commission which was now giving a clear lead to Yanukovych, contrasting them with an exit poll giving a lead to Yushchenko. It featured statements by senior Yushchenko figures condemning the emerging CEC figures and appealing to the security forces not to fire on civilians. It also carried statements by several police officers and the military appealing to the armed forces and police not to obey "criminal orders". Other reports centred on allegations of widespread fraud, backed up by amateur video of irregularities. CEC chairman Kivalov was quoted as saying the slow count was due to a large turnout. It also quoted Yanukovych's campaign manager Tyhypko claiming victory. The tone was sceptical of government and interviews were preponderantly from opposition sympathizers.

At 0700 gmt 5 Kanal began a live relay from Kiev's Independence Square where thousands were gathered answering Yushchenko's call. The central part of Yushchenko's 20-minute speech to protesters was obscured by what sounded like a jamming device, which also broke up the satellite and terrestrial picture. The presenter ended a news bulletin by saying

he was off to join the rally. The live relay continued with short interruptions for news bulletins which also carried reports on Yanukovych supporters, some allegedly drunk, coming by bus to Kiev from eastern regions. The channel produced the first report that Lviv city council had recognized Yushchenko as president. Studio guests represented the opposition, and used their airtime to announce a national strike. At 1600 gmt it had actuality of pro-government MPs Shufrych, Konovalyuk and Havrysh insisting that the vote in eastern Ukraine was fair and opposing what they called attempts at a "Georgian coup".

Private Radio Era carried reports from the opposition rally, with excerpts from Yushchenko's speech condemning the CEC vote and alleging a coup. Like 5 Kanal, it carried calls from the opposition for drivers to signal their support by honking the horns at the CEC building. It balanced opposition statements with a report of pro-government MP Konovalyuk saying the Yanukovych camp's parallel count accorded with the CEC reports. It reported the apparent jamming of the 5 Kanal relay, following it with reports of violations from the regions.

Other TV channels UT1, Inter, One Plus and ICTV resumed normal coverage from 0600 broadcasting films and entertainment in between news bulletins. Inter would occasionally interrupt coverage with special updates from the Central Electoral Commission.

The first bulletin on state UT1 TV at 0900 gmt reported that the CEC was giving Yanukovych a clear lead with 93 per cent of votes counted, following it with Kivalov's news conference denial of vote-rigging and a statement by Tyhypko giving Yanukovych a 3-point lead in their parallel count. The bland report carried no opposition reports or comments.

Novyy Kanal and STB reporting was balanced with CEC figures contrasted with exit polls. News bulletins broadcast parts of the Yushchenko and other opposition speeches and reported thousands of police being brought to Kiev. It balanced statements by Tyhypko and CIS observers praising the official results with critical reports from the Voters Committee of Ukraine independent watchdog. Novyy broadcast a review of Russian and US press on the election, leading with a report from Russia's Izvestiya that the results could be decided on the streets and not by CEC. The reporting continued the channels' trend of more objective reporting since the first round of the election on 31 October.

Progovernment channels report Yanukovych victory, journalists quit

State-run UT1 TV's news coverage on the evening of 22 November favoured Prime Minister Viktor Yanukovych, emphasizing the legitimacy

of his victory in the previous day's presidential runoff and downplaying opposition concerns about massive vote-rigging.

UT1's "Visti" evening news programme showed Yanukovych's five-minute address to the nation in which he thanked his supporters, sought to reassure opposition voters that he would take their views into account, and criticized opposition leaders for taking their followers out onto streets.

The channel also reported rallies in support of Yanukovych in eastern and southern Ukraine at which Yushchenko was urged to accept defeat. Only after that did it cover the large rally in support of opposition candidate Viktor Yushchenko in Kiev on 22 November. It pointed out that state factories were ignoring the opposition's calls to go on strike. It also reported that mothers were alarmed that their children might be involved in violent actions, and showed a woman urging young people not to take part in protests.

While western observers were quoted criticizing the election as falling short of international standards, CIS observers said it was valid despite minor irregularities.

An article in the German newspaper Die Welt was quoted saying that the West will work with Yanukovych, just as it does with Vladimir Putin.

Coverage on privately-owned One Plus One and Inter, which are also influenced by the presidential administration, closely resembled that of UT1.

Inter's coverage also included a report from Donetsk Region in which local officials rubbished opposition claims of irregularities. It also showed a member of Yanukovych's team describing large-scale irregularities in Western Ukraine. It quoted German political scientist Alexander Rar praising Yanukovych.

One Plus One TV's TSN evening news bulletin was replaced by a special Election Marathon programme presented by the channel's news editor Vyacheslav Pikhovshek. It was announced later in the evening that the news team had refused to go on air for the previous two days in protest against the channel's pro-government bias.

The "Fakty" evening news programme on ICTV, which is owned by President Leonid Kuchma's son-in-law, was considerably more balanced in its coverage than the three administration-influenced channels. It devoted a lengthy report to the opposition rally on Independence Square, showing Yushchenko and Russian liberal politician Boris Nemtsov speaking. The correspondent emphasized that there was no mood of aggression felt among the crowd of 100,000-500,000 people. ICTV

also devoted more attention to western observers criticism of the conduct of the election, even quoting Askold Lozinsky of the World Council of Ukrainians saying that Yushchenko had won.

Throughout the evening, opposition-leaning 5 Kanal was working in a rolling-news format, with reports from opposition rallies in Kiev and across the country interspersed with interviews with studio guests from both the opposition and Yanukovych camps. It also showed video of alleged violations on polling day.

Era TV, which is owned by MP Andriy Derkach and is broadcast on UT1's frequency in the late evening and early morning, also strongly favoured the opposition. During its late evening news programme, it showed Yushchenko's 20-minute address to supporters on Independence Square earlier that evening. During the speech, Derkach - who was formerly loyal to President Leonid Kuchma - was seen standing behind Yushchenko. Studio guests included Our Ukraine MPs Oleh Rybachuk, Valeriy Asadchev and Socialist MP Ihor Lutsenko.

Source: BBC Monitoring research in English 23 Nov 04 (via DXLD)

** U S A. VOA's English program schedules are here:

<http://www.voanews.com/english/newsnow.cfm>

But only in spreadsheets I have trouble downloading
(Glenn Hauser, DX LISTENING DIGEST)

Glenn, As this is the first time I've emailed you, let me start by thanking you for the excellent job you do keeping us up to date with broadcasting developments.

Regarding recent correspondence about the new VOA English 24hour schedule, I found the attached program guide which was linked on the Press Conference USA home page - although the link has since disappeared. The original Excel files also included local times as well as UT but I've deleted them for clarity.

They show VOA English is now targeted to specific regions of the world for 22 hours per day (although of course many of these hours are made up of music shows rather than dedicated regional news or feature programming) with a 2 hour block between 1500 and 1700 UT the only "worldwide" program block - on weekdays at least (for Border Crossings at 1500, then Talk To America's live 1600 edition).

The full broadcasting day is now:-

0900-1200 UT to the Middle East only (around lunchtime local time)

1200-1500 UT to Asia only

1500-1700 UT to Asia, Middle East and Africa

1700-2200 UT to Africa only
2200-0300 UT to Asia only
0300-0900 UT to Africa with an extended morning broadcast.

Here in the UK the evening Africa block from 1700 to 2200 makes for interesting listening, with Africa World Tonight on twice (1700 and 2000) and some interesting Africa targeted shows in between, including a new Friday Sports Call-in show with Sonny Young. Unfortunately after around 1800 the most reliable frequency of 15240 from Brieche, Morocco starts to fade out leaving VOA extremely difficult to hear. All Kavala frequencies, which used to be fairly reliable up to 2200, now sign off at 1700 (Marc Cawthorne, Norwich, UK, Nov 23, WORLD OF RADIO 1254, DX LISTENING DIGEST)

** U S A. Since 15m was chockablock with Californians working SS (sweepstakes), Nov 22 around 2245 UT, I checked 10m too, but no activity there. Upward to 30+ MHz, the 2 x 19m harmonic band, where Antigua has been reported in the mornings, q.v. Found R. Marti on 30660, at 2248, two times 15330 Delano. Since 15330 is so strong, it might be internally produced, except 30660 promptly faded out. 30-31 MHz is worth more attention, not only for second harmonics from 15 MHz, 4th harmonics from 7 MHz, 5th harmonics from 6 MHz, 6th harmonics from 5 MHz ... 9th harmonics from 3 MHz (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. Allan, I wonder if you are still running WOR Sat & Sun 11 pm [0400 UT Sun & Mon] on 9330. I haven't been able to hear it this weekend, nor previous weekend. If transmitted, it probably isn't propagating as we get into long winter nights, low MUFs, and propagation disturbances to boot.

It might be a good idea to get a 3 MHz band frequency for nighttime use instead of 9, as we also approach another solar min.

Tonight (Sunday) I was hearing instead on 9330 continuous slow-speed mechanically-produced CW! Wonder if you know what this is, and if maybe WBCQ has to cede the frequency to that station upon request?

The 5 pm [2200 UT Mon-Thu] airings of WOR on 9330, however, are coming thru well and are much appreciated! 73, (Glenn to Allan Weiner, WBCQ, via WORLD OF RADIO 1254, DXLD)

Yes we are. Know nothing about CW on 9330. Can't get a 3 MHz as we are too far north. Have to change 5105 to lower sideband effective tomorrow, to clear up some alleged interference to the Coast Guard on 5107. The military services are grabbing frequencies, in the name of homeland security, like crazy. All HF broadcasters are in peril with this madness (Allan Weiner, WBCQ, Nov 22, WORLD OF RADIO 1254, DX

LISTENING DIGEST)

I've also noticed some CW close to 17495 in absence of WBCQ (gh)

** U S A. Now that the B-04 FCC, HFCC and LeSea schedules are available, I'm curious if the complicated schedule on WHRI Angel 1 that Wolfgang Buschel pointed out is due to the fact that different antennas are used during the 01 to 06 UTC period on different days. Also note that the HFCC sked lists all Cypress Creek registrations under the WSHB callsign instead of WHRI, even though LeSea now officially controls the station. I would like to note that the sale of WSHB from the First Church of Christ Scientist to LeSea was never reported in the Church's newspaper "The Christian Science Monitor," which lost 10,000 subscribers during the past year. This is in contrast to the sales of WCSN and KHBI, which the paper did report on. Why all of the secrecy? (Jim Moats, OH, Nov 21, dxldyg via DX LISTENING DIGEST)

** U S A [non]. UZBEKISTAN: New language service of WYFR - Urdu via TAC 100 kW / 131 deg: 1400-1500 NF 7510 (34433), ex 7525. First noted on Nov. 14 on 7525 (Observer, Bulgaria, Nov 23 via DXLD)

WYFR via Skelton heard on 5965 at 1930 with new Farsi service (Bob Padula, EDXP, HCJB DX Partyline Nov 20 via DXLD)

** U S A. First public radio station noticed to have a special page for 2004 Holiday Specials is WBEZ, since there is something for Thanksgiving: <http://www.wbez.org/programs/specials/holiday04.asp> (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. The FM 101.7 pirate in Nashville at a gay night club was taken off the air last Thursday by the FCC, which visited it and ordered it to close; equipment was not confiscated, but has not come back on. FCC calculated it was running 0.125 watts with a 5/8 wave antenna. Legal limit for unlicensed broadcasting on FM is .01 microwatts ERP. This was originally specified as 250 uv at 3 meters, which is difficult to measure, and later clarified to the above ERP, or a 200 foot maximum coverage radius. The pirate was measured with 90 millivolts at 90 feet, 71 dB above tolerance. Reportedly had been on air for many months. The FCC just wants it off the air, and to stay off the air. They don't want the equipment or to have to keep bothering with it (George McClintock, TN, Nov 22, DX LISTENING DIGEST)

One one-hundred-millionth of a watt seems unreasonably tiny (gh)

** U S A. 610, KOJM in Havre, Montana is running IBOC these days, pretty much destroying any hope of catching anything to the south on 620 and 600 during sunset/sunrise skip. I haven't been DXing after

6:00 of late, so I don't know if they're leaving it on late or not. They are my nearest American station, so not one I wanted to see adopt IBOC! The only good thing is that they sign off at night for several hours (Nigel Pimblett, Dunmore, Alberta, Nov 19, IRCA mailing list via DXLD)

** U S A [and non]. TOCOBAGA DX #74 22 November, 2004
CLEARWATER, FLORIDA, USA E-mail: tocobagadx @ earthlink.net
For otherwise unlisted low power FM, pirates and TIS stations within Florida, visit my "Florida Low Power Radio Stations" at:
<http://home.earthlink.net/~tocobagadx/flortis.html>
© 2004, Terry L Krueger. Retransmit or quote all or any portion only with full credit given to TOCOBAGA DX and all attributed sources. All frequencies are in KHz unless otherwise stated. Times/dates in GMT/UTC unless otherwise stated.

Logs tagged with "LKSP" were made between hiking treks on the car receiver at Lake Kissimmee State Park in east-central Florida.

530, FLORIDA AIRSPACE Radio Marti (193rd PANG); a definite no-show Saturday, Nov. 20th. Monitored from 2100-2215, nothing. Mechanical issues this day? Certainly not the weather. (Krueger) (this item: WORLD OF RADIO 1254)

810 BAHAMAS ZNS3, Freeport, Grand Bahama; 1530+ 21 Nov., surprised how strong this one was, alone and very good with Bahamian-accented preacher, lots of refs to Bahamian church services. Does anyone know the status of the listed construction permit for a WEUS, Orlovista? Is this active yet and if so, what format? (Krueger-LKSP)

1510 FLORIDA (TIS) City of Lakeland WPZW713; 1315+ 21 Nov., fair signal on State Road 60 in the Mulberry area, with long M&W loop on Lakeland Linder airport activity and the annual Sun-n-Fun Fly-In event, website, etc. (Krueger)

1610 FLORIDA (TIS) City of Deltona; the UNID TIS noted here recently during daylight under Melbourne Beach has been confirmed by Jack Nesmith to be City of Deltona (Volusia Co.). Programming is a relay of NOAA weather radio Orlando (parallel 162.475 MHz) interrupted by periodic M&W local announcements. It's unreadable during the day, undetectable at night here (David Crawford, Titusville, FL)

1620 FLORIDA (LPR) "WKQ Riverside Community Radio," Tampa; per the proprietor, November, 2004: "First station solar power. Spanish music and news. WKQ [is] Part 15 LPAM on 1620 kHz service to Spanish community, radio residents and the general public. Weather as broadcasted by government's radio station NOAA. WKQ professional broadcast automation system. The transmitter equipment authorization

by Federal Communication Commission Part 15 Low Power AM communication device transmitter. WKQ operates by Ochoa Communications."

Note: I first heard this one in May, 2004. The proprietor states he has no affiliation with any other non-compliant Part 15 stations in Tampa, such as the similar format station that operated on 1640 and is now silent. (Krueger)

1640 FLORIDA (TIS) Florida's Turnpike DoT, Canoe Creek [at MP 229]; 1532+ 21 Nov., fair copy with M&W referencing "law enforcement," phone numbers and "This is the Turnpike Highway Advisory radio..." Presumed the location heard, roughly 15 miles southeast of logging location. (Krueger-LKSP)

6920 USA (PIRATE) Undercover Radio; 2204-2220 20 Nov. Very good and AM mode with the usual mind-bending blend of psych-scripts, Hindi raga tune, ID by "Dr. Benway" and email to undercoverradio @ mail.com (Krueger)

88.7 MHz FLORIDA (PIRATE) unidentified, Ft. Lauderdale; 21 Nov., non-stereo FM, DJ'd mostly nights with mixed bag of rap/R&B/reggae. Automated CD changer...[DF'ed to a location just off of Powerline Road]. Antenna, a base loaded whip with short radials, was barely 20' in the air. No sign of operators. (Russ Scotka, Margate, FL)

NB: Russ uses an Icom R7000 with mag mount, 6 meter whip and Kay Elemetrics 100 dB pad. I left out the exact address of this and the 98.5 MHz pirate as is my standard practice, until official action is documented by the FCC. (Krueger)

91.5 MHz FLORIDA WMIE-FM, Cocoa; 1700+ 21 Nov., contemporary Christian vocals, "You're listening to WMIE 91 point 5 FM." Good, heading a little east outside of the park, WJYO "The Joy FM" New Port Richey with similar format dominated. No trace of the Polk City vicinity Kreyol pirate, however I doubt I was anywhere near enough to have a shot. (Krueger-LKSP)

92.7 MHz FLORIDA (PIRATE) unidentified, Tampa; 1230+ 21 Nov., the usual Kreyol operation with nonstop music, excellent in metro Tampa but slop from licensed 92.5 MHz WYUU-FM, Safety Harbor. Surprised Infinity haven't bitched to the FCC after all these months. (Krueger)

98.5 MHz FLORIDA (PIRATE) unidentified, Pompano Beach (Collier City area); 21 Nov., non-stereo FM with local flavor rap/thug DJ mixes, lots of mentions of Broward and Pompano in sessions. Automated [when DF'ed, station located in a warehouse area on NW 31st. Ave.]. Antennas a set of VHF dipoles on small poles in roof mounts. Couldn't snag a parking space for fear of blocking the car business so couldn't look

for operators (Russ Scotka, Margate, FL)

103.9 MHz FLORIDA (PIRATE) unidentified, Hillsborough County; a new one, 1245+ 21 Nov. Heard poorly on Adamo Drive (SR-60) just east of downtown Tampa, peaking nearer to Brandon but lost near the SR-60/I-75 exchange. Nonstop Kreyol vocals, some seemingly religious (on a Sunday morning), at one point the CD, MP3 or whatever "skipped" for a minute or more. Stereo, but taking a huge beating from WXKB-FM, Cape Coral. Possibly here only as an open carrier on the late afternoon return

[Later:] 1300 USA unID; 0925-1005 23 Nov., someone here testing or doing maintenance with a nonstop loop consisting of a six-second ~800 Hz test tone followed by canned M "CBS Radio Network Channel 42." Quite mutant. Fair level and mostly dominating, seemingly some groundwave. From Florida?

1360 FLORIDA WKAT, Miami; 0932+ 23 Nov., classical music, usually atop WMOB, Mobile. Canned ID by M at 0958, "WKAT, Miami... serving Miami-Dade, the Palm Beaches..." (Terry Krueger, FL, Tocobaga DX via DXLD) Terry,

I expect your 1300 is neither test nor maintenance but some station not minding the store, the automation putting on a satellite feed not in service at the moment, perhaps by default. Chances are some station, somewhere is always doing this in the middle of the night. Glad to know some classical remains on WKAT (Glenn to Terry, via DXLD)

** UZBEKISTAN [non]. unID station in Vietnamese via TAC 100 kW / 131 deg: 1200-1230 Sat only on 15695. First noted on Nov. 13. Alt. 15755 or 15385 (Observer, Bulgaria, Nov 23 via DXLD) See also TIBET [non]

** VATICAN. Radio Vaticana alle strette... CRONACA VATICANA
http://www.repubblica.it/news/ired/ultimora/rep_nazionale_n_879180.html

Per le emissioni a Cesano chiesti 15 giorni di reclusione "Ma se corrono ai ripari possono evitare la condanna" Elettrosmog di radio Vaticana --- Il pm: "Vertici da arrestare"

Il procuratore Amendola sottolinea l'atteggiamento di totale chiusura dei dirigenti dell'emittente cattolica Le antenne di Radio Vaticana a Santa Maria di Galeria

ROMA - Quindici giorni di arresto con sospensione condizionale della pena subordinata alla eliminazione della situazione di pericolo ed al risarcimento dei danni. E' la richiesta dei rappresentanti della pubblica accusa per i responsabili di Radio Vaticana accusati del presunto inquinamento elettromagnetico nella zona di Cesano, a nord di Roma.

Gli imputati, padre Pasquale Borgomeo, direttore generale di Radio Vaticana, padre Roberto Tucci, presidente del Comitato di gestione, e Costantino Pacifici, responsabile della parte tecnica dell'emittente della Santa Sede, sono accusati di "getto pericoloso di cose".

"A noi interessa che questa situazione cessi - dice il procuratore aggiunto Gianfranco Amendola - e che torni la tranquillità tra la gente di Cesano.

Per questo subordiniamo la richiesta di condanna alla sospensione condizionale della pena alla eliminazione della situazione di pericolo tuttora esistente e al risarcimento del danno per i poveri cittadini danneggiati".

Secondo il pm Stefano Pesci Radio Vaticana, tra il 2001 e il 2002, ha creato consistenti disturbi con le emissioni delle sue onde elettromagnetiche.

Fastidi che sono continuati nel 2003, nonostante una riduzione delle emissioni. Per rafforzare la sua tesi Amendola ha mostrato decine di testimonianze e le conclusioni degli esperti tecnici che la procura di Roma ha coinvolto come consulenti.

Durissime le parole del procuratore aggiunto. Un vero e proprio atto d'accusa per l'emittente della Santa Sede. "Sin dall'inizio si È rifiutato qualunque dialogo con i cittadini, si È rifiutato ogni tipo di controlli.

Non si È risposto alle richieste di chiarimenti inoltrati dalla magistratura romana che cercava di capire che cosa fosse successo. - dice il procuratore aggiunto - E' impossibile mettere piede in Radio Vaticana non si può entrare e noi non ci siamo riusciti. L'emittente si È difesa sostenendo addirittura che i denunciati fossero degli abusivi, come se fosse lecito per quei cittadini stare male o avere disturbi".

Poi Amendola ha puntato l'attenzione sulle condizioni di vita della gente di Cesano. Da tempo in rivolta con la radio. "Se la popolazione di Santa Maria di Galeria e di Cesano non può vivere in pace senza subire disturbi mi domando che cosa si deve fare e a quel punto se tutto dovesse rimanere immutato dico che bisogna vergognarsi di far parte di questo Stato" ha ammonito il procuratore. Per l'udienza del 6 dicembre sono previsti gli interventi delle parti civili.

(18 novembre 2004) La Repubblica (via Dario Monferini, PlayDX, and Roberto Scaglione, BCLNews, it via DXLD)

Vatican Radio will go to the jail???? However nothing will happen cause the Concordat with Vatican State and Italy do not permit to judge in Italy people who belong to Vatican State (Dario Monferini, Italy, DX LISTENING DIGEST)

** VIETNAM [non]. c.f. BC-DX #690. Correction, should read ORF Moosbrunn-Austria relay instead: Moscow short call is MSK !
1800-1830 English MOS 100 Eu daily 5955
1830-1930 Vietnamese MOS 100 Eu daily 5955
1930-2000 French MOS 100 Eu daily 5955
(thanks to Herbert Meixner; wb, Nov 17, BC-DX via DXLD)

** ZAMBIA. 4910, ZNBC Radio Two, 0344 Nov 16, fast-talking M announcer and great upbeat African pop music, occasional ZNBC ID's listed as Tonga language, program "Bwaca bwaumbuluka" (Rise And Shine), "Zambia National Broadcasting Corporation" in vernacular babble at 0400, exceptionally good on very long-path night - no CODAR, few Lams. Radio One also in well on 4965 with rap music, gone at 0400 check (Al Quaglieri, NY, NASWA Flashsheet via DXLD) Not long path as in long way around the world, but long hops skipping over interference (gh, DXLD)

** ZANZIBAR. 6015, RTZ, at *0257-0310 on Nov 20. Balafoon-like IS to 0259, then anthem; five pips to 0300, then YL with opening announcement, difficult copy with 6010 splatter. Heard a definite "Dar-es-Salaam," but believe this is Zanzibar; Qur'an followed at 0301, then male announcer at 0305 with Swahili talk to 0310 tune-out. VG signal, but rough copy due to the 6010 splatter (John Wilkins, CO, DXplorer Nov 21 via BC-DX via DXLD)

UNIDENTIFIED. UNID carrier on 612, GREATER BALTIC SEA AREA (?)
A mysterious silent carrier has appeared on 612 since a couple of weeks. It is heard well along the Baltic Sea coast during darkness hours, especially in the central and western areas. It is on the air around the clock (Bernd Trutenau, Lithuania, Nov 23, mwdxyg via WORLD OF RADIO 1254, DXLD)

~~~~~  
DRM  
+++

Re my DRM Symposium report, 4-173: Correct spelling of the Bonaire manager is Hans Linkels (gh)

RADIO EQUIPMENT FORUM  
+++++

Glenn, a correction to Guy Atkins listing in DXLD 4-174:

My web page on the IC-756 PRO II is located at this URL:  
<http://www.ticon.net/~n9ewo/756pro2.html>

The web page below Guy makes a link to is from my friend Adam VA7OJ.  
[http://www.qsl.net/ab4oj/icom/ic756pro\\_notes.html](http://www.qsl.net/ab4oj/icom/ic756pro_notes.html)

I actually had a IC-756 PRO in my hands over the weekend again, and the audio is still fairly awful to my ears. The Pro II is better in this regard and hopefully even better in the IC-756 PRO III due out in a few weeks (David Zantow N9EW0, Nov 22, DX LISTENING DIGEST)

PROPAGATION  
+++++

#### PROPAGATION CONDITIONS

This was a wild week for propagation, fraud with radio black outs, 6-meter auroral propagation and severe geomagnetic storms, is said in the Bulletin of W1AW. The Space Environment Center (SEC) reports the geomagnetic storm activity spiked into the ``extreme`` (G5) category November 9. The SEC estimates that G5-scale geomagnetic conditions will occur on just four days of each 11-year solar cycle. But solar flux and associated sunspot numbers for the short term are expected to peak around November 23-24 ñ that's good propagation conditions with openings even on the 24 and 28 MHz (Radio Bulgaria DX Program Nov 19 via John Norfolk, dxldyg via DXLD)

The geomagnetic field, through early on 20 November, was at quiet to unsettled levels. At high latitudes, active conditions persisted from 16/0800 ñ 1500 UTC and again from 17/0700 ñ 1200 UTC. By about 0500 UTC on 20 November, activity increased to unsettled to active, and by 20/1030 UTC, activity further increased at high latitudes to major to severe storm levels as a transequatorial coronal hole high speed wind stream became geoeffective. The summary period ended with predominately quiet to active levels observed at all latitudes with an isolated reading of minor storming midday on 21/1200 UTC at mid-latitudes and a period of minor to major storming observed at high latitudes from 22/1000 ñ 1600 UTC.

#### FORECAST OF SOLAR AND GEOMAGNETIC ACTIVITY 24 NOVEMBER - 20 DECEMBER

Solar activity is expected to be at mostly low to moderate levels as old Regions 693 (23 November), 698 (24 November), and 696 (26 November) are due to return. Flare and CME activity from the southeast limb would suggest that either (or both) Regions 693 and 698 are still quite active.

A greater than 10 MeV proton event is possible early in the period

with major flare activity from returning active regions.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at high levels on 24 November and again on 06 ñ 11 Dec.

The geomagnetic field is expected to range from mostly quiet to unsettled. From 06 ñ 10 December, a recurrent coronal hole high speed solar wind stream is expected to become geoeffective.

:Product: 27-day Space Weather Outlook Table 27D0.txt

:Issued: 2004 Nov 23 2211 UTC

# Prepared by the US Dept. of Commerce, NOAA, Space Environment Center

# Product description and SEC contact on the Web

# <http://www.sec.noaa.gov/wwire.html>

#

# 27-day Space Weather Outlook Table

# Issued 2004 Nov 23

#

| # | UTC         | Radio Flux | Planetary | Largest  |
|---|-------------|------------|-----------|----------|
| # | Date        | 10.7 cm    | A Index   | Kp Index |
|   | 2004 Nov 24 | 115        | 8         | 3        |
|   | 2004 Nov 25 | 120        | 10        | 3        |
|   | 2004 Nov 26 | 125        | 15        | 3        |
|   | 2004 Nov 27 | 130        | 10        | 3        |
|   | 2004 Nov 28 | 135        | 5         | 2        |
|   | 2004 Nov 29 | 135        | 5         | 2        |
|   | 2004 Nov 30 | 130        | 10        | 3        |
|   | 2004 Dec 01 | 130        | 8         | 3        |
|   | 2004 Dec 02 | 125        | 5         | 2        |
|   | 2004 Dec 03 | 125        | 5         | 2        |
|   | 2004 Dec 04 | 125        | 5         | 2        |
|   | 2004 Dec 05 | 125        | 10        | 3        |
|   | 2004 Dec 06 | 125        | 20        | 4        |
|   | 2004 Dec 07 | 110        | 20        | 4        |
|   | 2004 Dec 08 | 100        | 15        | 3        |
|   | 2004 Dec 09 | 100        | 10        | 3        |
|   | 2004 Dec 10 | 95         | 15        | 3        |
|   | 2004 Dec 11 | 95         | 10        | 3        |
|   | 2004 Dec 12 | 100        | 10        | 3        |
|   | 2004 Dec 13 | 100        | 10        | 3        |
|   | 2004 Dec 14 | 100        | 8         | 3        |
|   | 2004 Dec 15 | 100        | 8         | 3        |
|   | 2004 Dec 16 | 95         | 8         | 3        |
|   | 2004 Dec 17 | 95         | 12        | 3        |
|   | 2004 Dec 18 | 95         | 12        | 3        |
|   | 2004 Dec 19 | 100        | 10        | 3        |
|   | 2004 Dec 20 | 100        | 8         | 3        |

(<http://www.sec.noaa.gov/radio> via WORLD OF RADIO 1254, DXLD)

## TIPS FOR RATIONAL LIVING

+++++

## THE ROOTS OF VIOLENCE

Wealth without work, Pleasure without conscience, Knowledge without character, Commerce without morality, Science without humanity, Worship without sacrifice, Politics without principles  
(- Mahatma Gandhi via Franklin Seiberling, DXLD)

Priests are like cuttlefish --- they spread an inky, black gloom through the medium in which they move (Thomas Jefferson, portrayed by Clay Jenkinson, on The Thomas Jefferson Hour, WHRV, 1816 UT Nov 23, notes by gh for DXLD) ###